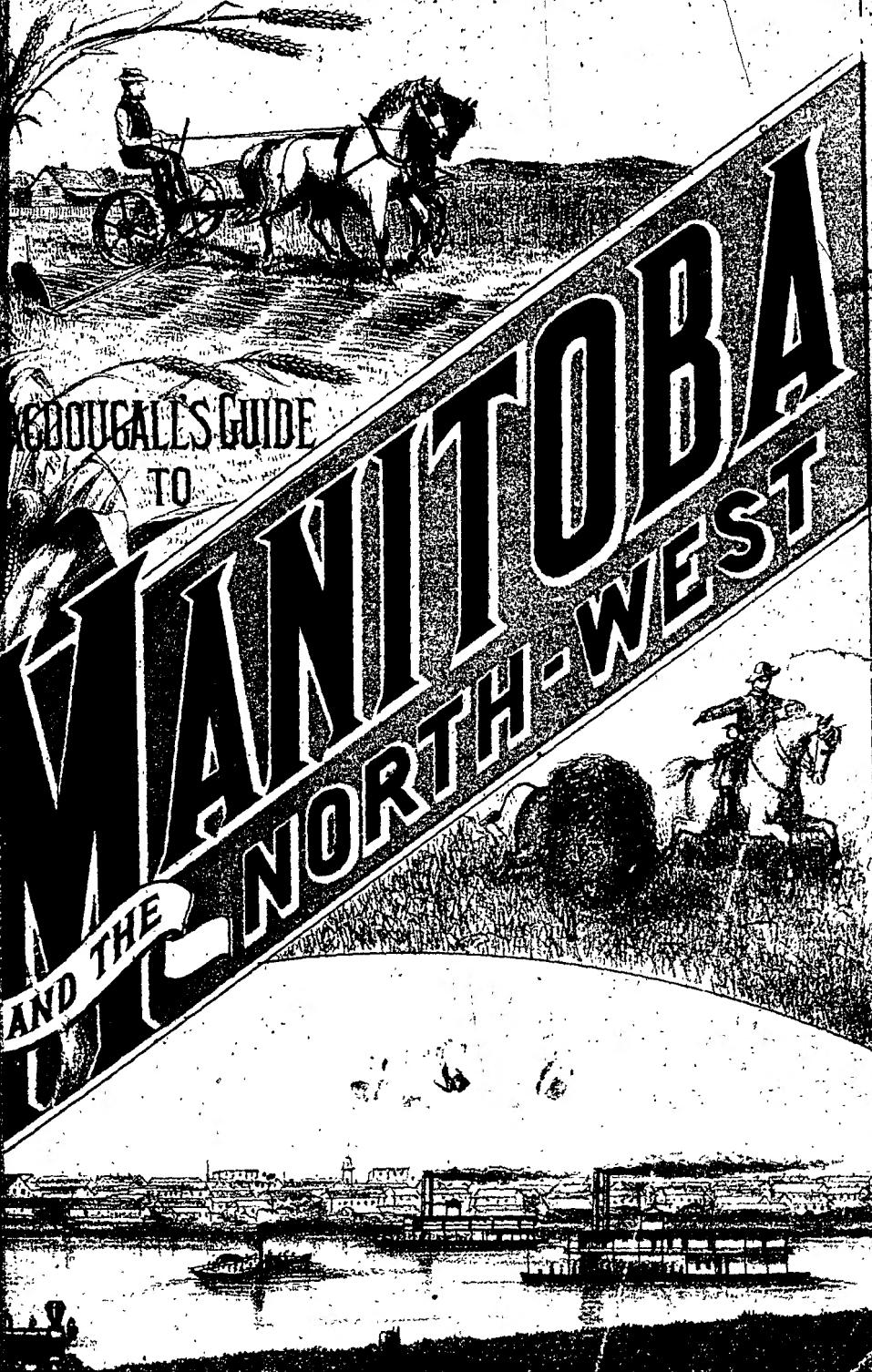


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M'DOUGALL'S GUIDE
TO

MANITOBA AND THE NORTH-WEST

CITY OF WINNIPEG. POPULATION 1870, 1,000. IN 1880, 12,000.

MAP
OF
CANADA

AND
PART OF THE UNITED STATES.

Compiled from the Latest Authorities

1880.

SCALE OF MILES

0 10 20 30 40 50 60 70 80 90 100

110 120 130 140 150 160 170 180 190 200 210

220 230 240 250 260 270 280 290 300 310 320

330 340 350 360 370 380 390 400 410 420 430

440 450 460 470 480 490 500 510 520 530 540

550 560 570 580 590 600 610 620 630 640 650

660 670 680 690 700 710 720 730 740 750 760

770 780 790 800 810 820 830 840 850 860 870

880 890 900 910 920 930 940 950 960 970 980

990 1000 1010 1020 1030 1040 1050 1060 1070 1080 1090

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1190 1200 1210 1220 1230 1240 1250 1260 1270 1280 1290

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MACDOUGALL'S GUIDE TO MANITOBA

AND

THE NORTH-WEST;

A CONCISE COMPENDIUM OF VALUABLE INFORMATION, CONTAINING THE LATEST FACTS AND FIGURES OF IMPORTANCE TO THE

EMIGRANT, CAPITALIST, SPECULATOR, AND TOURIST,

INCLUDING

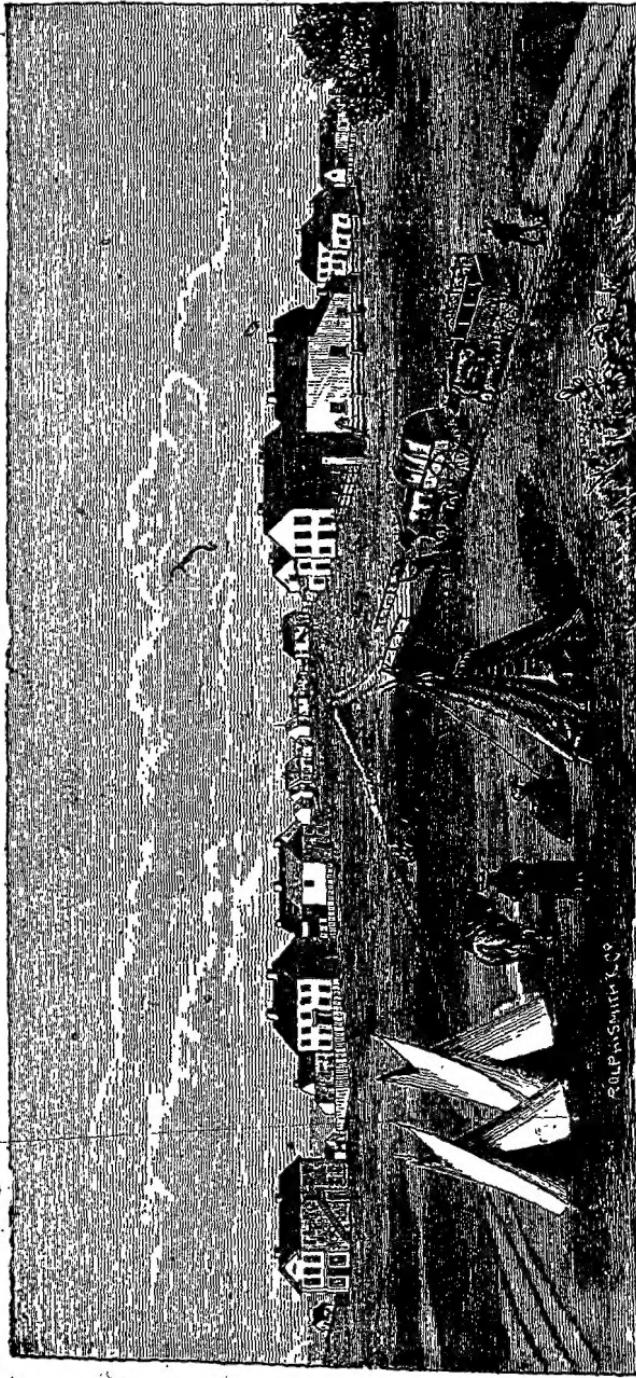
THE LATEST GOVERNMENTAL MAPS

AND

Official Land Regulations.

W. B. MACDOUGALL, PUBLISHER.

1880.



A View of Winnipeg in 1872.

See illustrations, pages 23 and 24, for growth of Winnipeg in seven years.

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INTRODUCTION.

THE great attention in late years, paid both at home and abroad to the region, of which Manitoba is the centre, has been occasioned by the active measures taken by the Canadian Government to open up and settle the country, and by the wonderful reports as to the extraordinary fertility of the soil, and the unsurpassed inducements offered to immigrants from all parts of the world.

Many circumstances have conspired in the older and more thickly settled countries to direct the attention of the farming classes particularly to new fields of labour and the great prairies of the New Canadian North-west, the praises of which have been heralded by disinterested parties from the Atlantic to the Pacific, and throughout the crowded districts of the Mother Country and other European States and Provinces. This has had the effect of creating an immense influx of strangers, amongst them many men of experience and capital, into the great solitudes of our new and promising territories, which, now with marvellous progress and rapid growth are developing prosperous cities, towns, villages and settlements in different parts of the country.

It is impossible, within the limits of a mere introduction, to give even a summary of the salient points of so vast a country; and it is, therefore, sufficient for our purposes in this chapter to direct attention to the different features of the subject, which will be treated in a brief and concise form under appropriate headings hereafter; but it is not out of place to add here, that in the compilation of this work we have aimed only at the truth, and have endeavoured to collect together just such information as will be of service to those who have heard more or less of the country, and who have some idea of seeking homes in the North-west.

Information of railroad and steamboat connections, transportation, time and distance, etc., serving as a practical guide to the traveller *en route* to the country, and after his arrival, to the interior, is made a special feature of the work.

Of necessity in so limited a compilation, only brief notices and statements can be made, but it shall be our care to give the reader facts and figures of special interest about the country, geographical, historical, political; its climate, health, society, soil and productions: land regulations with the latest government maps, etc.

Of course in preparing a work of this kind, intended as a "Guide" to the visitor or immigrant, we have freely used information obtained from official and private publications, as well as from well conducted journals, and we acknowledge our obligations; but we have not in preparing these extracts, thought it necessary to particularize in our adoption of their work.



GUIDE TO MANITOBA



REGULATIONS

Respecting the Disposal of certain Public Lands
for the purposes of the Canada Pacific Railway.

DEPARTMENT OF THE INTERIOR,

Ottawa, October 14th, 1879.

Public notice is hereby given that the following provisions, which shall be held to apply to the lands in the Province of Manitoba, and in the territories to the west and north-west thereof, are substituted for the Regulations, dated the 9th July last, governing the mode of disposing of the Public Lands situate within 110 (one hundred and ten) miles on each side of the line of the Canadian Pacific Railway, which said Regulations are hereby superseded:—

1. "Until further and final survey of the said railway has been made west of the Red River, and for the purposes of these provisions, the line of the said railway shall be assumed to be on the fourth base westerly to the intersection of the said base by the line between ranges 21 and 22 west of the first principal meridian, and thence in a direct line to the confluence of the Shell River with the River Assiniboine.

2. "The country lying on each side of the line of railway shall be respectively divided into belts as follows:

"(1) A belt of five miles on either side of the railway, and immediately adjoining the same, to be called belt A;

"(2) A belt of fifteen miles on either side of the railway adjoining belt A, to be called belt B;

"(3) A belt of twenty miles on either side of the railway adjoining belt B, to be called belt C;

"(4) A belt of twenty miles on either side of the railway adjoining belt C, to be called belt D; and

"(5) A belt of fifty miles on either side of the railway adjoining belt D, to be called belt E.

3. "The even-numbered sections in each township throughout the several belts above described shall be open for entry as homesteads and pre-emptions of 160 acres each respectively.

4. "The odd-numbered sections in each of such townships shall not be open to homestead or pre-emption, but shall be specially reserved and designated as Railway lands.

5. "The Railway Lands within the several belts shall be sold at the following rates, viz:—In Belt A: \$5 (five dollars) per acre; in Belt B. \$4 (four dollars) per acre; in Belt C. \$3 (three dollars) per acre; in Belt D. \$2 (two dollars) per acre; in Belt E. \$1 (one dollar) per acre; and the terms of sale of such lands shall be as follows, viz:—one-tenth in cash at the time of purchase; the balance in nine equal annual instalments, with interest, at the rate of six per cent. per annum on the balance of purchase money from time to time remaining unpaid, to be paid with each instalment.

6. "The Pre-emption Lands within the several belts shall be sold for the prices and on the terms respectively, as follows:—In the Belts A, B and C at \$2.50 (two dollars and fifty cents) per acre; in Belt D, at \$2 (two dollars) per acre; and in Belt E, at \$1 (one dollar) per acre. The terms of payment to be four-tenths of the purchase money, together with interest on the latter at the rate of 6 per cent. per annum, to be paid at the end of three years from the date of entry; the remainder to be paid in six equal

instalments annually from and after the said date, with interest at the rate above mentioned on such portions of the purchase money as may remain unpaid, to be paid with each instalment.

7. "All payments for Railway Lands, and also for Pre-emption Lands, within the several Belts, shall be in cash, and not in scrip or military or police bounty warrants.

8. "All moneys received in payment of Pre-emption Land shall inure to and form part of the fund for railway purposes, in a similar manner to the moneys received in payment of Railway Lands.

9. "These provisions shall be retroactive so far as relates to any and all entries of Homestead and Pre-emption Lands, or sales of Railway Lands obtained or made under the Regulations of the 9th July, hereby superseded; any payments made in excess of the rate hereby fixed shall be credited on account of sales of such lands.

10. "The Order-in-Council of the 9th November, 1877, relating to the settlement of the lands in Manitoba which have been previously withdrawn for railway purposes, having been cancelled, all claims of persons who settled in good faith on lands under the said Order-in-Council shall be dealt with under these provisions, as to prices of Pre-emptions, according to the belt in which such lands may be situate. Where a person may have taken up two quarter-sections under the said Order-in-Council, he may retain the quarter-section upon which he has settled, as a Homestead, and the other quarter-section as a Pre-emption, under these provisions, irrespective of whether such Homestead and Pre-emption may be found to be upon an even-numbered section or otherwise. Any moneys paid by such person on account of the lands entered by him under the said Order-in-Council, will be credited to him on account of his Pre-emption purchase, under these provisions. A person who may have taken up one quarter-section under the Order-in-Council mentioned will be allowed to retain the same as a Homestead, and will be permitted to enter a second quarter-section as a Pre-emption, the money paid on account of the land previously entered to be credited to him on account of such Pre-emption.

11. "All entries of lands shall be subject to the following provisions respecting the right of way of the Canadian Pacific Railway or of any Government colonization railway connected therewith, viz :

"a. In the case of the railway crossing land entered as a homestead, the right of way thereon, and also any land which may be required for station purposes, shall be free to the Government.

"b. Where the railway crosses Pre-emptions or Railway Lands, entered subsequent to the date hereof, the Government may take possession of such portion thereof as may be required for right of way, or for station grounds or ballast pits, and the owner shall only be entitled to claim payment for the land so taken, at the same rate per acre as he may have paid the Government for the same.

"c. In case, on the final location of the railway through lands unsurveyed, or surveyed but not entered for at the time, a person is found in occupation of land which it may be desirable in the public interest to retain, the Government reserves the right to take possession of such land, paying the squatter the value of any improvements he may have made thereon.

12. "Claims to Public Lands arising from settlement, after the date hereof, in territory unsurveyed at the time of such settlement, and which may be embraced within the limits affected by the above policy, or by the extension thereof in the future over additional territory, will be ultimately dealt with in accordance with the terms prescribed above for the lands in the particular belt in which such settlement may be found to be situated, subject to the operation of sub-section c of section 11 of these provisions.

13. "All entries after the date hereof of unoccupied lands in the Saskatchewan Agency, will be considered as provisional until the railway line, through that part of the territories has been located, after which the same will be finally disposed of in accordance with these provisions, as the same may apply to the particular belt in which such lands may be found to be situated, subject, as above, to the operation of sub-section c of section 11 of these provisions.

14. "With a view to encourage settlement by cheapening the cost of building material, the Government reserves the right to grant licenses, renewable yearly, under section 52 of the 'Dominion Lands Act, 1879,' to cut merchantable timber on any lands

GUIDE TO MANITOBA.

situated within the several belts above described, and any settlement upon, or sale of lands within the territory covered by such licenses, shall, for the time being, be subject to the operations of such licenses.

15. "The above provisions, it will, of course, be understood, will not affect sections 11 and 29, which are public school lands, or sections 8 and 26, Hudson's Bay Company lands.

"Any further information necessary may be obtained on application at the Dominion Lands Office, Ottawa, or from the agent of Dominion Lands, Winnipeg, or from any of the local agents in Manitoba or the Territories.

By order of the Minister of the Interior,

J. S. DENNIS,

Deputy of the Minister of the Interior.

LINDSAY RUSSELL,

Surveyor-General.

W. B. MACDOUGALL,

REAL ESTATE AGENT,

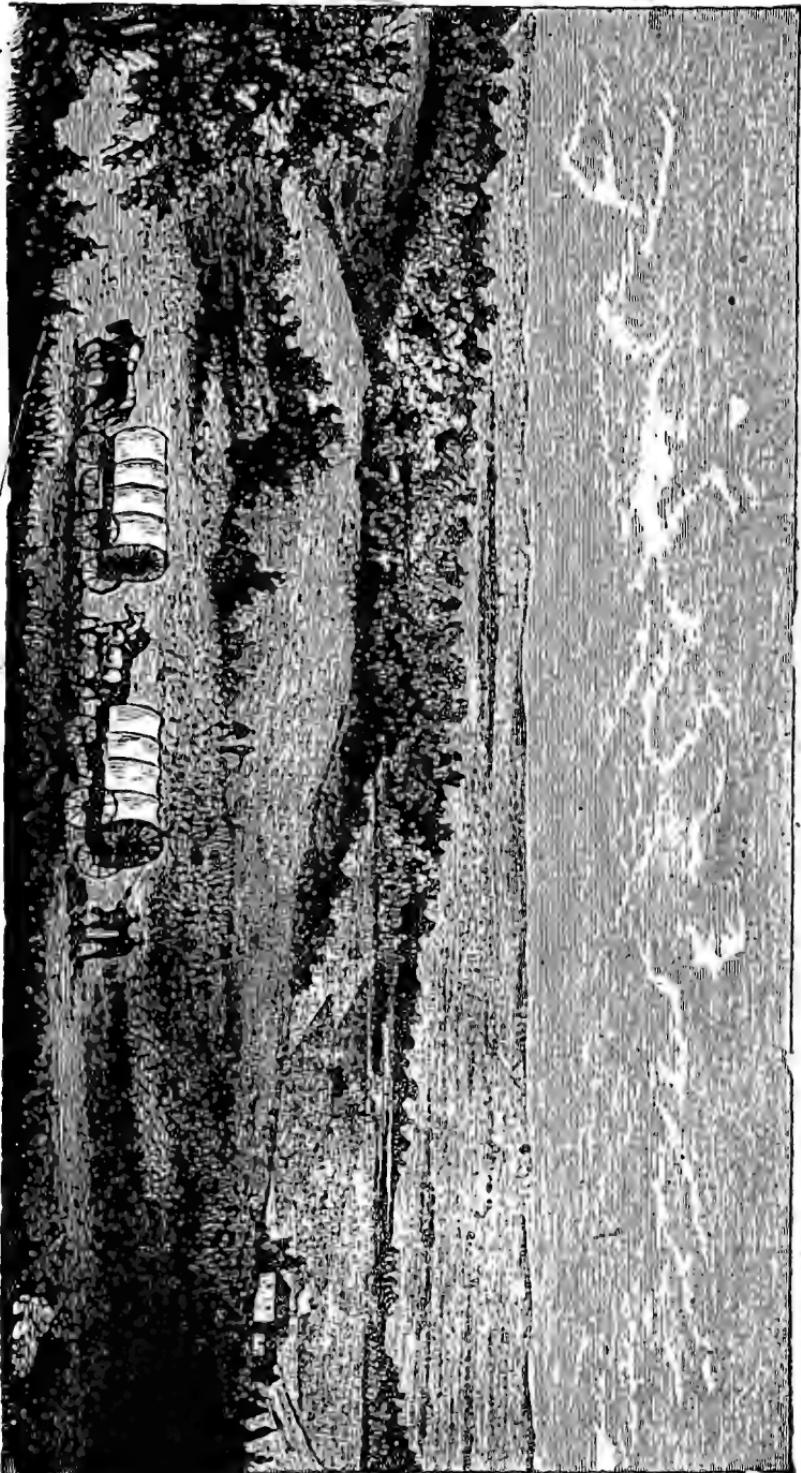
ACCOUNTANT AND PUBLISHER.

Land Claims attended to and Collections Made.

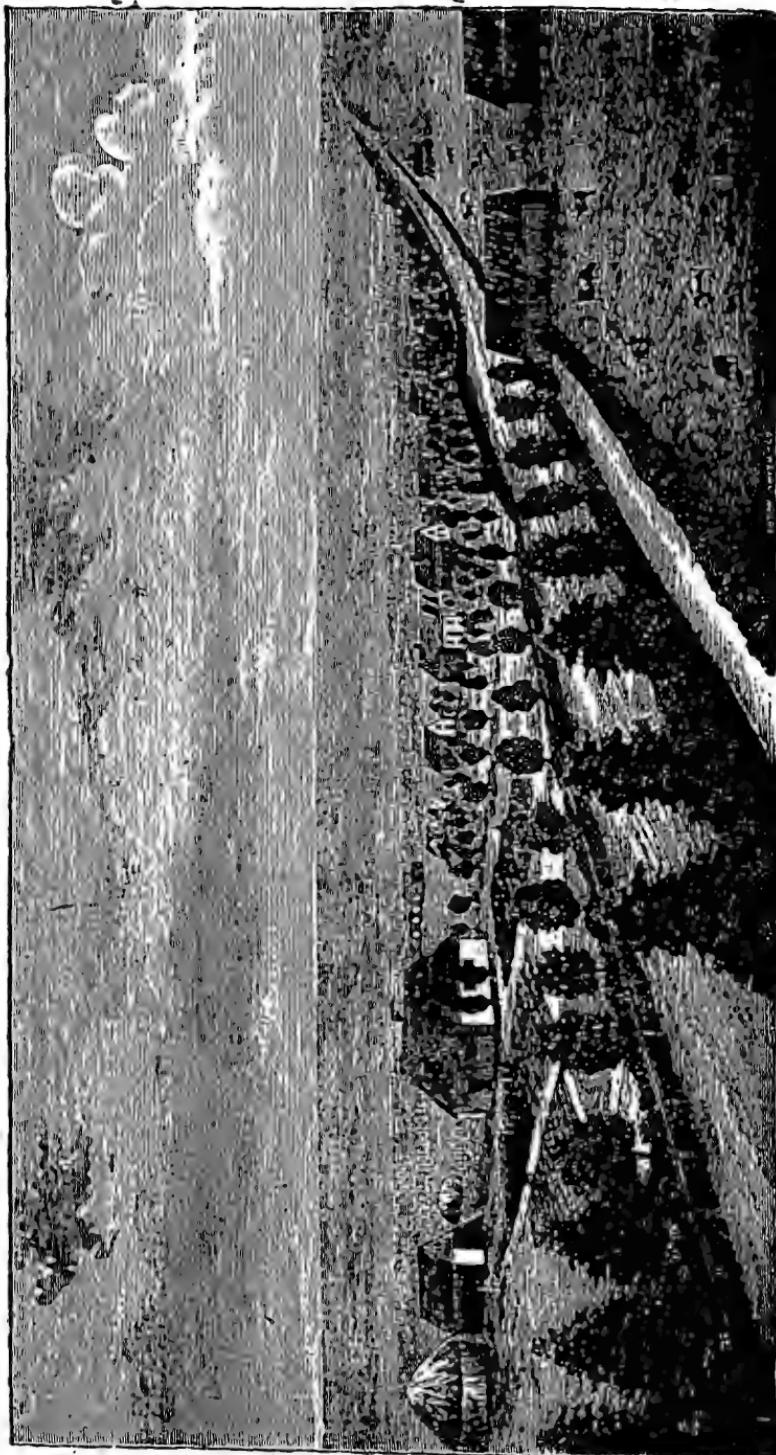
LANDS BOUGHT AND SOLD ON COMMISSION.

General Agency Business for Manitoba and the North West.

CORRESPONDENCE SOLICITED.



First Year on the Prairie.



After Five Years Prairie Farming.

GENERAL FEATURES OF THE COUNTRY

LOCATION AND AREA OF MANITOBA.

CLIMATE AND LENGTH OF SEASONS.

FORM OF GOVERNMENT—HOMESTEAD LAW—POPULATION—CITIES, TOWNS, AND VILLAGES
—RIVERS AND LAKES—SOIL AND PRODUCTIONS—STATISTICS—RAILWAY CONNECTIONS
—NAVIGATION—THE NORTH-WEST TERRITORIES—FUTURE GREATNESS.

THE Province of Manitoba contains about 9,000,000 acres, of this the Hudson Bay Company's one-twentieth ownership, and school reserves amount to 707,680 acres, leaving available 8,300,960 acres (including half-breed reserves now nearly all allotted) within the present boundary of the Province, being about 120 miles from east to west, and 100 miles North and South. The Province lying between the parallels of 49° and $50^{\circ}, 2''$ of North latitude, and 96° and 99° of West longitude, occupies nearly the actual centre of the North American continent, is nearly equally distant between the pole and the equator, and the Atlantic and Pacific Oceans.

Climate and Seasons.

The climate of the Province gives conditions of decided heat in summer and decided cold in winter. The snow goes away and ploughing begins in April, which is about the same as in the older Provinces of Canada, and the Northern United States on the Atlantic Seaboard, and the Northwestern States, Minnesota and Wisconsin. The crops are harvested in August and September. The long sunny days of summer bring vegetation of all sorts to rapid maturity. The days are warm and the nights cool. Autumn begins about the 20th September, and lasts till November, when the regular frost sets in. The winter proper comprises the months of December, January, February, and March. Spring comes in April. The summer months are part of May, June, July, August and part of September. In winter the thermometer sinks to thirty and forty degrees below zero; but this degree of cold in the dry atmosphere of the North-West does not produce any unpleasant sensations. The weather is not felt to be colder than that in the Province of Quebec, nor so cold as milder winters in climates where the frost, or even a less degree of cold than frost, is accompanied with dampness. In times of wind storms, however, the cold is found to be specially searching. The testimony of settlers is universal as to the fact that the winter is on the whole, both pleasant and healthy; and former residents of both Ontario and Quebec state that they like it quite as well as that of those Provinces.

Snow does not fall on the prairies to an average greater depth than twelve inches, and horses graze out of doors all winter. They scratch the snow off the prairie grass, and grow fat upon it. Horned cattle graze out of doors part of the winter, but in some states of the weather they require to be brought in. Instances are, however, stated in which horned cattle have grazed out all winter.

The following table will serve for comparison between the summer temperatures of the Red River and the countries south :

	June	July	August	Summer Mean.
Red River.....	69.10	71.16	63.03	67.76
Chicago.....	62.07	70.08	68.05	67.03
Iowa.....	66.04	70.05	68.09	68.06
Wisconsin.....	61.07	68.06	65.07	65.03
New York.....	64.02	68.05	66.07	66.05
Toronto.....	64.02	67.95	65.00	66.98

It will thus be seen that the summer is warmer than Northern Illinois, Western Wisconsin, Northern New York, or Toronto, Ontario. In relation to agriculture, the intensity of winter cold is not injurious, and its effect upon physical comfort is mitigated by the clear dry winter atmosphere.

It has been stated that the climate of Manitoba is pleasant and healthy. It may be added, the dryness of the air, the character of the soil, which retains no stagnant pools to send forth poisonous exhalations, and the almost total absence of fog or mist, the brilliancy of its sunlight, the pleasing succession of its seasons, all conspire to make Manitoba a climate of unrivalled salubrity, and the future home of a healthy, prosperous people, strong in physical, intellectual and moral capabilities. Fevers and consumptions are almost unknown, and diseases of an epidemical character have been never known to prevail.

The average fall of snow is about six inches per month. The snow falls in small quantities at different times, and is rarely blown into drifts so as to impede travelling.

At the present time the population may be roughly estimated at seventy-five thousand.

Form of Government.

The form of Government is similar to that of the other Provinces of the Dominion, but the Legislative Council being abolished by Act of the Legislature, the Legislature consists only of a Legislative Assembly of twenty-four members, representing twenty-four constituencies.

The Executive consists of the Lieutenant-Governor, a Provincial Secretary, acting also as Attorney-General, a Provincial Treasurer, Minister of Public Works, and Minister of Agriculture, who is also President of the Council.

Homestead Law.

A liberal Homestead Law is in force in Manitoba, which exempts from seizure the debtor's ordinary furniture, tools and farm implements in use, also "one cow, two oxen, one horse, four sheep, two pigs, and the food for the same for thirty days," and "the land cultivated by the debtor, provided the extent of the same be not more than one hundred and sixty acres, in which case the surplus may be sold with privileges to first mortgages. The house, stables, barns, fences on the debtor's farm, are, by this act, declared free from seizure, by virtue of all writs of execution issued by any court of this Province." No limit is placed on the value of the farm or home thus secured to the family, whatever its value may become. It may be safely asserted that this law will greatly advance immigration to this Province, and prove a blessing to thousands of worthy and honest men, women and children for every one unworthily shielded by its provisions.

Soil and Productions.

The soil of Manitoba, which is mostly prairie, and covered with grass, is a deep alluvial deposit of unsurpassed richness. It produces beautiful crops of cereals, grasses, roots and vegetables. So rich and inexhaustible is the soil that wheat has been cropped off the same place for fifty years without manure, and without showing signs of exhaustion. It is especially a wheat-growing soil, and is believed to contain the most favourable conditions for the growth of this grain on the continent.

As bearing on the particular advantages of Manitoba for the cultivation of wheat, the following analysis of a specimen of the alluvial soil from the prairie of the Province of Manitoba is given. It is by Professor V. Emmerling, Director of the Chemical Laboratory of the Agricultural Association of the University of Kiel, Holstein, Germany :—

(Translation of Letter to Senator Emil Klotz.)

" KIEL, 29th April, 1872.

" HON. SENATOR :

" The analysis of the Manitoba soil is now completed, and the result is in 100,000 parts :—

Potash.....	228.7
Sodium.....	33.8
Phosphoric Acid.....	69.4
Lime.....	682.6
Magnesia.....	16.1
Nitrogen.....	486.1

" Yours truly,

" (Signed) V. EMMERLING."

(Extract from Letter of Senator Emil Klotz to Jacob E. Klotz, Agent for the Dominion Government.)

" KIEL, 4th May, 1872.

" After considerable delay, I succeeded in obtaining the analysis of the Manitoba soil from Professor Emmerling, Director of the Chemical Laboratory of the Agricultural Association of this place, and hope it may be of service to you. Annexed I give you our analysis of the most productive soil in Holstein, whereby you will see how exceedingly rich the productive qualities of the Manitoba soil are, and which fully explains the fact that the land in Manitoba is so very fertile, even without manure.

" The chief nutrients are, first nitrogen, then potash and phosphoric acid, which predominates there; but what is of particular importance is the lime contained in the soil, whereby the nitrogen is set free, and ready to be absorbed in vegetable organisms. The latter property is defective in many soils, and when it is found defective recourse must be had to artificial means by putting lime or marl (a clay which contains much lime) upon the same.

" According to the analysis of the Manitoba soil, there is no doubt that to the farmer who desires to select for his future home a country which has the most productive soil and promises the richest harvest, no country in the world offers greater attractions than the Province of Manitoba, in the Dominion of Canada.

" Analysis of the Holstein Soil and Manitoba Soil compared :

	Holstein Soil.	Excess of Properties of Manitoba Soil.
Potash.....	30	198.7
Sodium.....	20	13.8
Phosphoric Acid.....	40	29.4
Lime.....	130	552.6
Magnesia.....	10	6.1
Nitrogen.....	40	446.1 "

The facts above stated sufficiently account for the popular experience of the remarkable production of wheat in the Province of Manitoba.

Oats, barley, rye, potatoes, etc., are less restricted in their range, growing five degrees beyond wheat in the Mackenzie River Valley to the Arctic Circle. Barley is a favourite alternate crop for wheat in Manitoba, and yields very large returns—with a weight per bushel of from 50 to 55 pounds. Oats also thrive well.

It has not yet been demonstrated by experiment whether fruit trees, such as apples, will flourish on the open prairie. But it appears from experience in Minnesota that they will in connection with shelter and forest tree planting. There is, however, no doubt that the hardier kinds of apple will do well in Manitoba. This has been sufficiently established.

Although flax and hemp succeed well in Manitoba, the want of markets has prevented their culture, except to a limited extent. Bees do well here, as in similar northern climates, the clear skies and rich flora being favourable for them. They live better through the long, cold, dry winters, and consume less honey than in the milder and more humid winters of more southern latitudes.

The grasses grow rich and luxuriant for twelve hundred miles north of the southern boundary of Manitoba.

The quality of the beef and mutton raised has been pronounced of superior excellence. Among the peculiar advantages of Manitoba, for stock-raising and wool-growing, the most prominent are : 1st. The richness and luxuriance of the native grasses ; the grass is mainly cut on the swamps and meadows, which chequer the prairies or fringe the streams and lakes. 2nd. The great extent of unoccupied land, affording for many years to come a wide range of free pasturage. 3rd. The remarkable dryness and healthfulness of the winter. Wool grows heavier, and mutton, beef and pork are sweeter and more juicy. It is nearly forty years since the introduction of sheep into Red River, and no case of any disease attacking them has ever been known or heard of. Well-fed ewes produce fleeces from 2 to 3½ pounds. Wethers produce fleeces from 6 to 8 pounds, the wool being of a good quality.

All root crops and vegetables attain enormous size. Early Rose potatoes were sent from here to the great International Exhibition at Philadelphia, which weighed from 2½ to 3½ pounds each, and received honourable mention and awards ; also, other vegetables and cereals, *fac-similes* in wax of potatoes were also shown at the Paris Exhibition, and received awards. Samples of "Fife" and "Golden drop" spring wheat grown here received a medal and awards at both exhibitions.

The average yield of wheat in Manitoba, deducted from the aggregate of local estimates (not official) is twenty bushels to the acre, the range of ordinary yields being from fifteen to thirty-five. Experience has taught us to allow largely for the disposition to base general inferences on the most striking and notorious instances; and for the general habit of confounding a usual result with an average one.

The official returns of Minnesota, which is considered the best wheat-growing State in America, set down the average production at seventeen bushels to the acre.

A comparison of the yield of wheat for past years at Manitoba, with the best districts of the United States, will show its superiority over them, viz. :

Manitoba Spring Wheat, average production, 20 bushels per acre.	
Minnesota do	17 do do
Wisconsin do	14 do do
Pennsylvania do	15 do do
Massachusetts do	16 do do

The weight as compared with that of the following States, is

Manitoba Spring Wheat.....	63 to 66 lbs. to the bushel.
Minnesota do	60 to 65 lbs. do
Illinois do	52 to 58 lbs. do
Ohio do	57 to 60 lbs. do
Pennsylvania do	57 to 60 lbs. do

The soundness and fulness of the grain is unmistakably indicated by the fact, that it will command a higher price than any Western State grain, when it goes to market unmixed and well cleaned.

The fact established by climatologists that "the cultivated plants yield the greatest products near the Northernmost limit at which they will grow," is fully illustrated in our productions. It is a well known fact that, in Southern latitudes, the warm spring develops the juices of the plant too rapidly. They run into the stalk and leaf to the neglect of the seed.

An important feature in the soil of our prairies is, that its earthy materials are minutely pulverized, and is almost everywhere light, mellow, and spongy.

With these uniform characteristics, the soils are of different grades of fertility, according to local situation. The limestone sub-strata of this region, with its rich, deep, calcareous loam and retentive clay subsoil, is always associated with a rich wheat development, while its hot and humid summers, fulfil all the climatological conditions of a first rate wheat country. Some fields on the Red River have been known to produce twenty successive crops of wheat without fallow or manure, and the yield has frequently reached as high as forty bushels per acre.

How to Reach the Country.

The cost of conveyance from any part of Canada to Manitoba is exceedingly moderate, and the steamers from Great Britain are now so numerous, that the transport of a family from any part of the United Kingdom or from Canada to the great wheat growing and cattle raising districts in the North-West, is hardly appreciable when the advantages offered are considered.

A continuous line of railway now exists from Quebec, Montreal, Toronto, and indeed every town and village throughout the Dominion, to Winnipeg. An alternative route is offered by railway to Sarnia or Collingwood, and then by first-class steamers to Duluth, at the head of Lake Superior, where direct railway communication exists with Winnipeg.

This lake route will be greatly improved as soon as the railway now under construction from Thunder Bay on Lake Superior to Winnipeg is completed, and the cost and time of conveyance will also be materially lessened.

At present the cost of carriage for each person is as follows :—

By rail all the way, from Montreal through Chicago :

1ST CLASS.	EMIGRANT.
\$59.25	\$29

From Montreal to Sarnia or Collingwood, and thence by the Lakes via Duluth :

1ST CLASS.	EMIGRANT.
\$52	\$24

Cattle, goods, and agricultural implements are taken at reasonable charges by either route.

The lines of steamers from Liverpool, Glasgow, London, Bristol, and Irish ports, carry cabin passengers at from £10 to £18 to Quebec, according to accommodation, and emigrants at from £3 10s. to £6 6s. per head.

The time occupied by these steamers is from 9 to 12 days, and from Quebec to Winnipeg the time is 4 days by railway throughout, and by way of the lakes 6 days.

Settlers from Europe can therefore reach Manitoba in 14 days from Liverpool, and from any part of Canada, in 4 days or less, at a small outlay.

Hints as to Capital Required.

A settler who wants to take up land in Manitoba, can by an outlay of \$2,000 or £400 sterling, secure 160 acres of land in fee, if he pays \$5 an acre for it, and provide himself with a reasonably comfortable house, barn, stable, pair of oxen, cow and pigs, ploughs, harrows, and all that is necessary to give him a fair start and a certain competency and happy home for the future.

The taxes are of course much less than either in the U.S. or Great Britain.

In other words, a man with a family can establish himself comfortably, on a farm solely belonging to himself, and without any rent to pay, or leasehold obligations of any kind, and which is his property in fee for ever, for a sum which will not equal the average per acre of rent and taxes payable in Great Britain annually for a farm of equal size. He can do this for less by taking up a homestead and pre-emption right from the Government. If he buys land either from Government or from private parties, his payment of say \$5 an acre, will be spread over at least 7 years, the annual amount due being paid out of the surplus earnings of the farm, and being practically therefore not felt as an item in his ordinary annual expenditure.

By buying land on the reasonable terms offered, as regards terms of payment, a settler with \$500 or \$1,000 can establish himself very comfortably, and rapidly become independent, and the owner of his land in fee. Settlers without any means can by hard work obtain a home for themselves by taking up Government land as a homestead.

Cost of Transport for Crop.

Within two years, as soon as the other Canadian railways are completed, grain will be taken from any point as far west as Fort Ellice to Thunder Bay on Lake Superior, and put into elevators there, for probably 15 cents a bushel, but certainly never to exceed	20 cents.
Propellers will take it from the elevators, and passing through the Lakes and the enlarged Welland Canal, will deliver it in Montreal for.....	10 "
From Montreal to Liverpool the average freight may be taken at 5s. sterling a quarter, which is equal to per bushel.....	15 "
Total.....	45 cents.

Farmers in Manitoba now state that the cost of raising wheat does not exceed, if it reaches, 40 cents a bushel. So that wheat will therefore be grown in Manitoba and and delivered in Liverpool at a cost to the producer, including all charges for transport, of 85 cents a bushel, or 28s. 4d. a quarter.

With wheat selling in England at 40s a quarter, there is thus an enormous profit to be made by the wheat grower in Manitoba and the North-West.

The average price of wheat in England for the 30 years from 1849 to 1878 was 53s. a quarter—the highest price being 73s. 11d. in 1855, and the lowest 39s. 7d. in 1851.

At the rate at which settlers are now pouring into the country, all the wheat grown in Manitoba for the next two or three years, until the railways now being constructed are completed, will be required for food and seed.

Up to the end of 1878 (the last official returns), upwards of two millions of acres of land had been taken up by actual settlers in Manitoba and the North-West. That quantity is now undoubtedly increased to nearly three millions.

Government Grants of Land.

The Government grants homesteads on alternate sections on each side of the railway, of 160 acres free, and allows settlers to take up an additional 160 acres on the alternate sections on "pre-emption," at prices ranging from \$2.50 to \$1 an acre. They also sell lands at prices ranging from \$5 an acre on the other sections on each side of the railway.

School System.

In addition to the excellent education now obtainable in the City of Winnipeg, the Government have reserved two sections in each township for school lands, the proceeds of which, as sold, is to be applied to the establishment of good schools. In every part of the country, therefore, as fast as settlement progresses, schools will be provided, where good education can be obtained for children. Municipal organization is also being put in force already in the older settlements, and will be extended as population grows, so that all reasonable wants of settlers will be fully provided for.

Timber and Fuel Supply.

The railway line from Winnipeg to Thunder Bay passes through most extensive timber districts near Rat Portage, where large saw mills are now in course of erection, and which will supply at moderate prices all the lumber required for buildings and fences in the western part of the country.

Considerable quantities of timber for building purposes, and for fuel also, exist on the banks of all the rivers and creeks, and there are in addition groves of poplar all over the country. No difficulty will be found to exist as regards timber both for building or fuel.

Coal.

Large deposits of coal have been discovered on the Saskatchewan river and also on the Assiniboine. The former has already been worked to some extent, and the quality is pronounced by all who have used it as excellent.

There will be ample fuel of both coal and wood to be distributed by the lines of railway now constructing, in addition to the timber which is found on the banks of all the rivers.

Rivers.

Having given the reader a short outline of Manitoba, its climate, seasons, soil and productions, we will now make mention of the rivers of the Province and of the North-west which are the most important water courses.

THE RED RIVER.

This long winding river rises in Otter Tail Lake and Traverse Lake in Minnesota, U. S., and empties into Lake Winnipeg, about 105 miles from the southern and international boundary of the Province of Manitoba. Its entire length is 700 miles, but its crooked course makes the distance by water nearly 200 miles from the United States boundary line to Lake Winnipeg, where it has three mouths entering the lake through deep marshes. The river is navigable the entire distance. Its banks are from twenty to thirty feet high, and are lined with a heavy fringe of timber, comprising chiefly poplar and tamarac, with a mixture of oak, elm and birch. The woods appear heavier and more continuous on the eastern side of the river than on the western, and beyond this forest line to the eastward and to the westward the vast prairie extends as far as the eye can reach, dotted here and there on the bluffs, and along the numerous creeks, with groves of trees.

The prairie, as a general rule, is level, although in some parts it is slightly undulating, and everywhere it has an inclination towards the river. The soil varies slightly in some parts of the Province, but is chiefly of an alluvial black argillaceous mould, rich in organic deposit, and rests at a usual depth of two and a-half feet on the prairie, and from two and a-half feet to twenty feet on bottom lands. There are swamps and marshes here and there, but on examination they will be found to possess a firm bottom of alluvial soil, similar to the prairie, and so hard that horses and cattle can wade through them in every direction, and as they are generally at a much higher level than the streams, the channels of which are deep, it will not be a difficult matter to drain them so as to bring them under cultivation, when they will prove perhaps to be the finest land in the Province.

From Emerson, a thriving town on the boundary line, to Winnipeg along the river we pass through four parishes, those of St. Agathe, St. Norbert, St. Vital, and St. Boniface. At Winnipeg the Assiniboine River empties into the Red River.

Leaving the capital of the Province, the traveller enters upon one of the main highways of the country, along which are many fine farms and houses, and here and there a church.

From Winnipeg to Selkirk, a distance of twenty miles along the western bank of the river, you pass through the parishes of Kildonan, St. Andrews, St. Clements and then the St. Peter's Indian Reserve is reached, where the country gradually declines until it sinks into swamps and marshes, where the river empties into Lake Winnipeg. The character of the soil along the road we have just travelled, from Winnipeg to St. Andrew's, is a black loam, after which the land becomes lighter in character, and towards the bank of the river, somewhat mixed with gravel. From St. Andrew's downwards, the soil cannot be surpassed for wheat growing.

THE ASSINIBOINE RIVER.

This river, by its very winding course, is over 600 miles in length. For 220 miles from its mouth, its course is nearly west, and beyond that for 200 miles in direct distance, its course is north-westerly. At 220 miles west from its mouth it turns northward and receives its tributary, the River Qu'Appelle. Ascending the river seventy miles, to the Sand Hills, the country through which it flows is of the same rich alluvial character as the Red River. Beyond that is a sandy tract, fifty miles in length westward. Then for about 100 miles further west, to where it turns northward at the mouth of the Qu'Appelle, and for nearly fifty miles north of that, this river may be considered the boundary line between the rich prairie region, and the inferior and light sandy soil south and west of it. Between the Sand Hills and the Qu'Appelle, the Assiniboine receives on the north side five considerable tributaries, from fifty to 150 miles in length. The river is navigable at high water as far as the Little Saskatchewan River, and boats run regularly to Portage La Prairie from Winnipeg.

GUIDE TO MANITOBA

THE SASKATCHEWAN RIVER.

The north and south branches of the Saskatchewan River have their sources in the Rocky Mountains, but a few miles apart. From their nearly common source, the north branch diverges north-eastward, and the south branch, or Bow River, south-eastward, till at 250 miles due eastward they attain a distance of 300 miles from each other, then gradually approaching, they meet at 550 miles eastward from their source. The length of the north branch is put at 775 miles, and that of the south branch at about 810 miles.

From this junction the course of the main Saskatchewan to Lake Winnipeg is 282 miles, this makes the whole length of the river, from the source of the south branch to Lake Winnipeg, 1,092 miles. Following the north branch the total length to Lake Winnipeg, is 1,054 miles.

The character of the soil in the country drained by the Saskatchewan is of a very superior quality. Already the country is settling up rapidly, and men of capital and experience are pushing their enterprises in this direction. Steamers run to Edmonton, a distance by river of 1,200 miles.

THE RED DEER, BOW AND BELLY RIVERS

Are tributaries of the south branch of the Saskatchewan, having their source in the eastern slope of the Rocky Mountains, and drain a beautiful and fertile region, eight times greater in extent than the present Province of Manitoba.

ROOT OR CARROT RIVER

Rises in rich lands, 60 miles south-west from the forks of the Saskatchewan, and flows through a wooded country with many lakes, generally from 30 to 50 miles south of the Saskatchewan, into which it falls after a course of about 240 miles. It is estimated there are three millions of acres of land of first quality between this river and the Saskatchewan.

RIVER QU'APPELLE

Has its source near the elbow of the south branch of the Saskatchewan, and runs into the Assiniboine at Fort Ellice. It runs through a fine valley, and of which the expansion forms eight lakes where the best fish abound.

RAPID RIVER, OR LITTLE SASKATCHEWAN

Is a tributary of the Assiniboine. It is a very beautiful stream though very rapid, and is navigable for canoes and bateaux for one hundred miles. It drains a magnificent country which is fast settling up, and the soil is of wonderful fertility.

THE SOURIS OR MOUSE RIVER

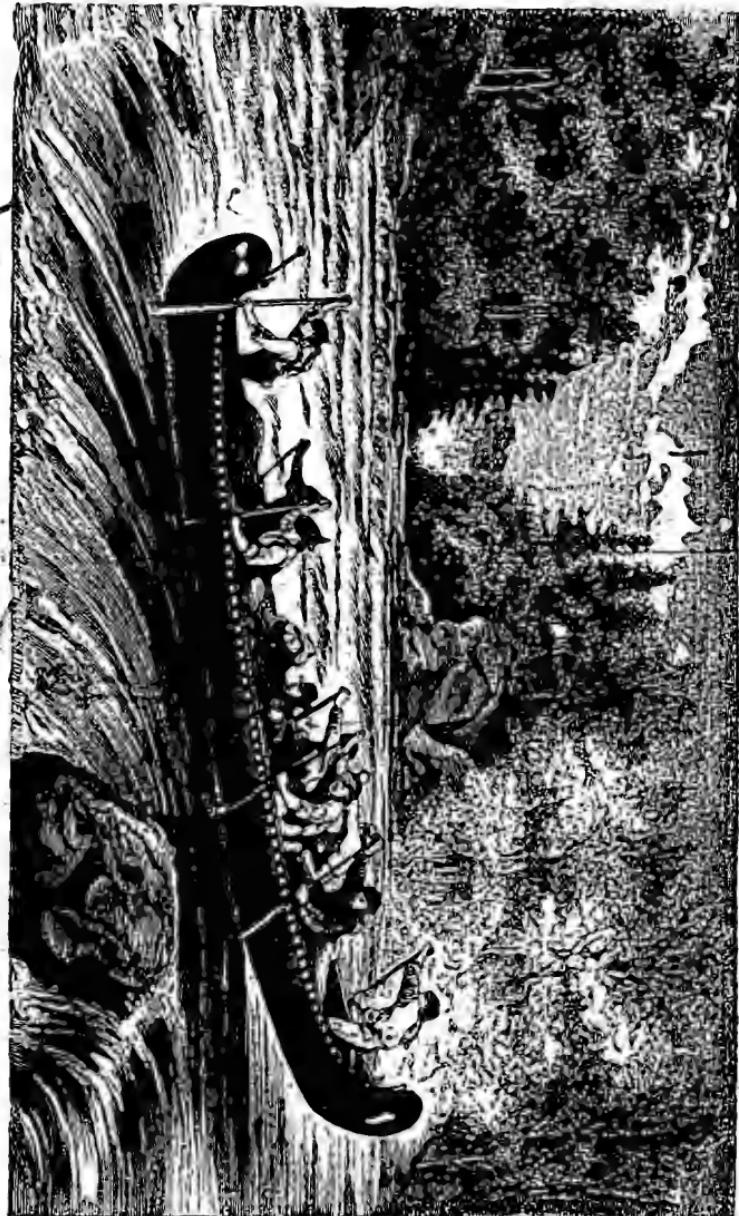
Enters the Assiniboine from the south in the midst of a very lovely undulating country, near the mouth of the Rapid River.

THE SWAN RIVER

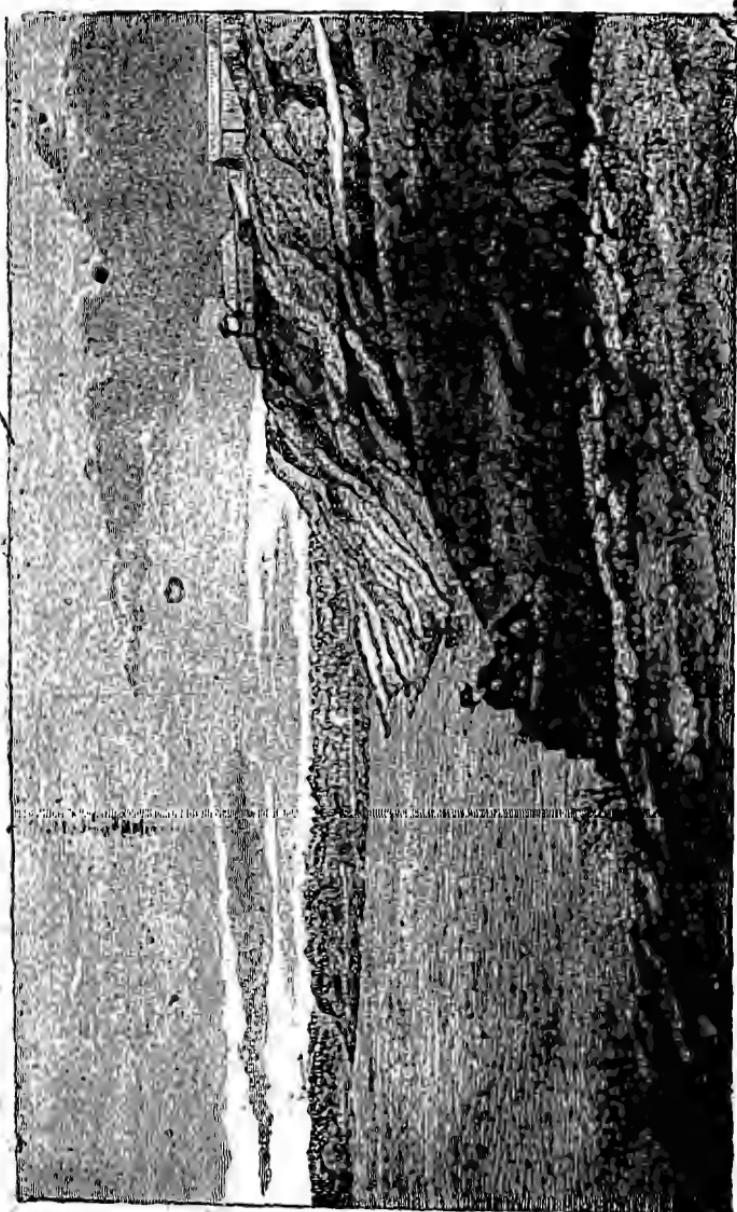
Enters a bay on the north end of Lake Winnipegoos, and is about 200 miles in length by its course. Near its mouth there are some very valuable salt springs. About thirty miles above Swan Lake, the prairie region fairly commences. There the river winds about in a beautiful and fertile valley, its banks rising to a height of eighty and one hundred feet. Beyond this an apparently unbroken level extends on one side for a distance of twenty miles to the Porcupine Hills, and for an equal distance on the other, to the high table land called the Duck Mountain.

LAKES MANITOBA AND WINNIPGOOS.

These lakes are each one hundred and twenty miles in length, the greatest breadth of Manitoba is twenty-four miles, and of Winnipgoos twenty-nine; taken together they extend two hundred and twenty miles from north to south. The head of Winnipgoos being known as the Mossy Portage, which is only about four and a quarter miles in length, though low wet ground, and connects with Cedar Lake on the Main Saskatchewan. This important connection, which is now occupying the attention of the Government of the Dominion, would form a water line of communication of about one thousand five hundred miles in length, from the City of Winnipeg in Manitoba, to the foot of the Rocky Mountains.



Shooting the Rapids.



View of Fort Edmonton.

NORTH-WEST TERRITORY.

PROFESSOR MACOUN'S EVIDENCE.

Observations in the North-West, Little Saskatchewan, and Peace River Districts.

We condense from Professor John Macoun's evidence, given before a Committee of the House of Commons, March 24th, 1876, some valuable information about the North-West country, which is being rapidly filled by farmers from the older Provinces of Canada, from Great Britain, and from the United States. A colonization railroad is being built by the Dominion Government from Winnipeg west, which will give in less than two years a means of ingress and egress for the settlers of this fertile land. The extracts given are brief and to the point, but may be relied upon as entirely correct:

"A continuous farming-country extends from Point du Chien to the Assiniboine, at Fort Ellice, a distance of 230 miles, without a break. Beyond this there are 25 miles of dry, gravelly ground, of little account for anything except pasture. Then follows a very extensive tract of country stretching westward to the South Saskatchewan, and extending indefinitely north and south. This wide region contains many fine sections of rich fertile country, interspersed with poplar groves, rolling, treeless prairie, salt lakes, saline and other marshes, and brackish or fresh water ponds. What is not suited for raising cereals is excellent pasture land. Only a few of the salt lakes would be injurious to cattle or horses; and fresh water can be obtained without doubt a little below the surface.

"The soil of this whole region is a warm, gravelly or sandy loam. The surface soil, to depth of from one to three feet, is a brown or black loam, the subsoil being generally either sand or gravel, consisting principally of limestone pebbles; many boulders are found in some sections. The land between the two Saskatchewan is nearly all good. Prince Albert Mission settlement is situated in this section. At Carlton I crossed the Saskatchewan, and therefore know nothing personally of the immense region extending west and south thence to the Boundary. All accounts, however, agree in saying it is the garden of the country."

* * * * *

"There is a very extensive district forming the watershed between the Saskatchewan and Peace Rivers, and through which the Athabasca River flows for its whole course, and from which it receives its waters. This region is all forest, and consists of muskeg (swamp), spruce and poplar forest. Very little is known of this region, but the soil where I crossed it is generally good where not swampy. West of Edmonton, where the railway crosses the section, there is said to be much swamp, but between Fort Pitt and the Forks of the Athabasca there is scarcely any swamp, although it is nearly all forest.

"Next comes the Peace River section extending along the Rocky Mountains from a little north of Jasper House to Fort Liard, Lat. 61° north; and from the former point to the west end of Little Slave Lake; thence to the Forks of the Athabasca, and down that River to Athabasca Lake, and from thence to Fort Liard. The upper part of this immense area is principally prairie, extending on both sides of the Peace River." * * *

"I consider nearly all the Peace River section to be well suited for raising cereals of all kinds, and at least two-thirds of it fit for wheat. The soil of this section is as good in any part of Manitoba, and the climate if anything is milder.

"The Thickwood country, drained by the Athabasca, has generally good soil, but it is wet and cold. At least one-half is good for raising barley and wheat, while much of the remainder would make first-class pasture and meadow lands.

"I am not so well acquainted with the Saskatchewan section, but from what I know of it, it has generally good soil and a climate not unsuitable for wheat raising. Between Fort Pitt and Edmonton, there is a tract which I consider subject to summer frosts, which would produce immense crops of hay. This district is the only dangerous one in the Saskatchewan country.

"I have noticed the large claims, as respects the yield of wheat in the valley of the Red River, advanced, but doubt their accuracy. From what I could learn, I should think thirty-five bushels per acre as pretty near the average. Cultivation like that of Ontario would give a much greater yield, as there are more grains to the ear than in Ontario. The grain is heavier. Peas will always be a heavy crop in the North-West, as the soil is suitable, and a little frost does them no harm.

"All my observations tended to show that the whole Peace River country was just as capable of successful settlement as Manitoba. The soil seems to be richer—the country contains more wood; there are no saline marshes or lakes; the water is all good—there are no summer frosts—spring is just as early, and the winter sets in no sooner. * * *

"About the 20th of April ploughing can commence on Peace River, and from data in my possession the same may be said of the Little Saskatchewan regions generally."

STOCK-RAISING.

"The country, in my opinion, is well-suited for stock-raising throughout its whole extent. The winters are certainly cold, but the climate is dry, and the winter snows are light, both as to depth and weight. All kinds of animals have thicker coats in cold climates than in warm ones, so that the thicker coat counterbalances the greater cold. Dry snow never injures cattle in Ontario. No other kind ever falls in Manitoba or the North-West, so that there can be no trouble from this cause. Cattle winter just as well on the Athabasca and Peace Rivers as they do in Manitoba; and Mr. Grant, who has been living on Rat Creek, Manitoba, for a number of years, says that cattle give less trouble there than they do in Nova Scotia. Horses winter out without feed other than what they pick up, from Peace River to Manitoba. Sheep, cattle, and horses will require less attention and not require to be fed as long as we now feed them in Ontario. Owing to the light rain-fall the uncut grass is almost as good as hay when the winter sets in, which it does without the heavy rains of the east. This grass remains good all winter, as the dry snow does not rot it. In the spring the snow leaves it almost as good as ever, so that cattle can eat it until the young grass appears. From five to six months is about the time cattle will require to be fed, and shelter will altogether depend on the farmer.

"Five-sixths of all the timber is poplar, and is invariably a sign of dry soil and good land. Balsam poplar is very abundant on the islands in all the north-western rivers, often attaining a diameter of from six to ten feet, even as far north as Fort Simpson. White spruce grows to a very large size on all the watersheds and slopes of the south bank of the Peace River, on islands in all the rivers, and very abundantly on the low lands at the west end of Lake Athabasca. I have often seen it over three feet in diameter, but the usual size is from one to two feet.

"The Peace River is navigable from the Rocky Mountains for at least 500 miles by river,—in none of this distance is it less than six feet deep. A canal of two miles would overcome the obstructions at this point. For 250 miles below this there is no obstruction except a rapid, which I think is caused by boulders in the channel. Their removal would probably overcome the difficulty.

"The Athabasca is navigable for 180 miles above Lake Athabasca. Mr. Moberly, an officer in the Hudson's Bay Company's service sounded it all the way from Fort McMurray, at the Forks of the Clearwater and the Athabasca, and no spot with less than six feet at low water was found. Between Lake Athabasca and the Arctic Ocean only one break exists, but this is 14 miles across by land; after that is overcome, 1,300 miles of first-class river navigation is met with, which takes us to the ocean."

GAME.

"The Moose is still abundant on both sides of the Peace River, and the wood buffalo is still found between the Athabasca and the Peace River about latitude 57°. From 500 to 1,000 head is the estimate of the hunters. Black bears are very numerous on the upper part of Peace River, and furnish the chief food of the people in July and August. Cariboo are north and east of Lake Athabasca, and are the chief food of the Indians and half-breeds of that region. Rabbits are in immense numbers wherever there is timber, and are easily taken. Waterfowl are beyond computation, during September, in the neighbourhood of Lake Athabasca, and large flocks of Canada geese

are found on Peace River all summer. Lynx, beaver, martin and fox make up the chief fur-bearing animals."

COAL.

Large deposits of coal have been observed on the Saskatchewan between the Rocky Mountain House and Victoria, a distance of 211 miles. He speaks in one place of having seen seams 20 feet thick, and in his report for 1873 and 1874, he gives a photograph, on page 41, of this seam.

Rev. Mr. Grant, in "Ocean to Ocean," speaks of a seam of coal on the Pembina River—a tributary of the Athabasca—ten feet thick, and from which they brought away specimens that were afterwards analysed by Professor Lawson, and found to contain less than 3 per cent of ash.

While on my trip to Peace River, in company with Mr. Horetzky, in the fall of 1872, I discovered coal in large quantities in the bank of one of the rivers which flow into Little Slave Lake. It was also seen in small quantities in a number of other localities in the vicinity of the Lake. It is also reported from the upper part of Smoky River, and I have seen it in small quantities on the upper part of Peace River and its tributaries on the right bank. I observed no indications of coal below Smoky River, but Sir John Richardson speaks of lignite being abundant on the Mackenzie.

Clay ironstone is associated with the coal wherever it has been observed although possibly not in paying quantities. Coal, then, and ironstone may be said to extend almost all the way from the boundary to the Arctic Ocean. Gypsum of the very best quality, and as white as snow, was seen at Peace Point on Peace River, and for a distance of over twenty miles it extended on both sides of the river, averaging twelve feet in thickness. Sir John Richardson says in his "Journal of a Boat Voyage to the Arctic Ocean," Vol. I, page 149, that he found this same gypsum associated with the salt deposits on Salt River about seventy miles N.N.E. from Peace Point, and he infers that the country between is of the same character.

Sir John examined the salt deposits at Salt River and found that they were derived from the water of salt springs, of which he found a number flowing out of a hill and spreading their waters over a clay flat of some extent. The evaporation of the water leaves the salt incrusting the soil, and in some places forming mounds out of which the purest salt is shovelled.

For many miles along the Athabasca below the Forks there are outcrops of black shale from which liquid petroleum is constantly oozing. At various points, at some distance from the immediate bank of the river there are regular tar springs, from which the Hudson's Bay Company get their supply for boat building and other purposes. The tar is always covered with water in these springs, and something like coal oil is seen floating on this water. Besides those mentioned, other springs are known to exist on the Clear-water, a tributary of the Athabasca, and on Peace River, near Smoke River, and Little Red River on the same stream. Sulphur-springs are frequent on the Clear-water, and large metalliferous deposits are said to exist near Fond du Lac on the north shore of Lake Athabasca. Gold is found in small quantities on the upper Peace River, Immense quantities of first-class sandstone occur for over 300 miles along Peace River, and other minerals will be discovered when the country is better known.

EXTRACTS FROM A REPORT OF 26th DECEMBER, 1879.

"The absence of autumn rains in the west is a priceless boon, as it enables the farmer to thresh and harvest his grain without injury, and, besides, gives him excellent roads when he needs them most.

"The progress of the seasons and the labours of the husbandman, throughout the North-West, may be summed up as follows:—Early in April, the hot sun dissipates the slight covering of snow, and, almost immediately, ploughing commences, as, after the frost is out six inches, spring work may begin. Seeding and ploughing go on together, as the ground is quite dry, and in a few days the seed germinates, owing to the hot sunshine; the roots receive an abundance of moisture from the thawing soil, and, following the retreating frost through the minute pores opened in it, by its agency penetrate to an astonishing depth (often two feet), all the time throwing out innumerable fibres. By the time the rains and heat of June have come, abundance of roots have formed, and the crop rushes to quick maturity. It is just as much owing to the open-

ing power of the frost, as to the fertility of the soil, that the enormous crops of the North-West are due, and, as long as the present seasons continue, so long will the roots penetrate into the subsoil, and draw rich food from the inexhaustible reservoirs which I know are there.

"After the middle of August the rains almost cease, and for ten weeks scarcely a shower of rain falls, giving the farmer ample time to do all necessary work before the long winter sets in. These general characteristics apply to the climate of the whole North-West, and the same results are everywhere observed over tracts embracing 300,000 square miles of territory. One important result of this peculiar climate is the hardness and increased weight of the grain caused by it. Another, equally important, is the curing of the natural hay, and our experience of the last two months has been that the horses and cattle do better to collect their own food on the prairie than to be fed with hay. All stock-raisers know that it is not cold that injures cattle or horses, but those storms of sleet or soft snow which are so common in Ontario and the Eastern Provinces. Such storms as those are never seen in the North-West, and the cattle are never wet from November to April.

"Many intelligent persons are afraid of the winters of the North-West, as they measure the cold by the thermometer rather than by their own sensibilities. It is not by the thermometer that the cold should be measured, but by the humidity of the atmosphere, as according to its humidity so is the cold measured by individuals. All through the fall my men never noticed a few degrees of frost, and it was no uncommon thing to see a man riding in a cart without his coat when the thermometer was below freezing point. J. A. Wheelock, Commissioner of Statistics for Minnesota, wrote as follows concerning the atmosphere of that State, over twenty years ago:— 'The dryness of the air in Minnesota permits a lower range of temperature without frosts than in moist climates. The thermometer has frequently been noticed at 20 degrees without material injury to vegetation. In the damp summer evenings of Illinois and Ohio, for example, the heat passes off rapidly from the surface of the earth and from plants. Frosts develop under such circumstances at a comparatively high temperature. The constant bath of moisture has softened the delicate covering and enfeebled the vitality of plants; and thus a fall of the thermometer, which in Minnesota would be as harmless as a summer dew, in Ohio would sweep the fields like a fire.'

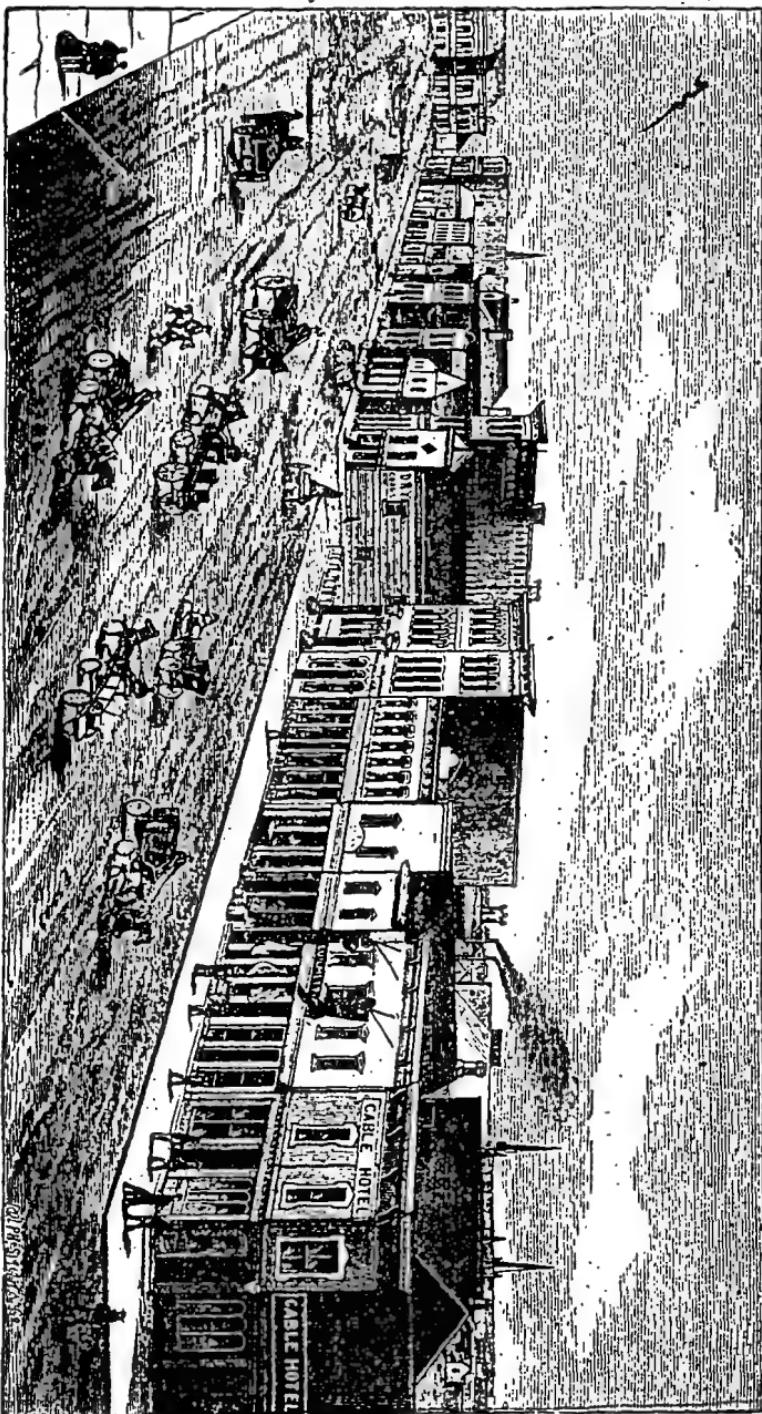
"What Wheelock says of Minnesota is equally true of the North-West Territories, and more so, as they are certainly drier than it. Dry air is a non-conductor of heat, and as the dryness increases with the lowering temperature, the increasing cold is not felt by either animals or plants, and we find a solution to the paradox, that, although water may freeze, vegetation is not injured except when a humid atmosphere is in immediate contact with it. The increase of dryness in the air has the same effect as an increase of warm clothing for man and beast, and we suffered less from a temperature of 10 degrees below zero, this winter, though lying in tents, without fire, than we would have done in Ontario with 10 degrees of frost.

"In conclusion, after seven years' study of all available material and constant observation, I can state as a fact that our peculiar climate is caused by the great American Desert, which, in fact, commences at the 100th meridian, exactly south of our prairies, and extends, with little interruption, to the boundary of California. The winds passing over it descend on our interior plain, giving out heat and moisture in the summer, and in the winters wrapping the whole country in a mantle of dry air, which moderates the climate so much that without the aid of a thermometer no one would believe the cold was so intense. We, then, have a dry, clear, cold winter,—a dry spring with bright sunshine—a warm summer with an abundance of rain, but not necessarily a cloudy atmosphere, and a dry serene autumn, with possibly a snow storm about the equinox.

"An atmosphere like this, with a soil of abounding fertility, extending over a region of almost boundless extent, causes me to feel that the words of Lord Beaconsfield were those of a far-seeing statesman, and that our great North-West is truly a land of 'illimitable possibilities.'

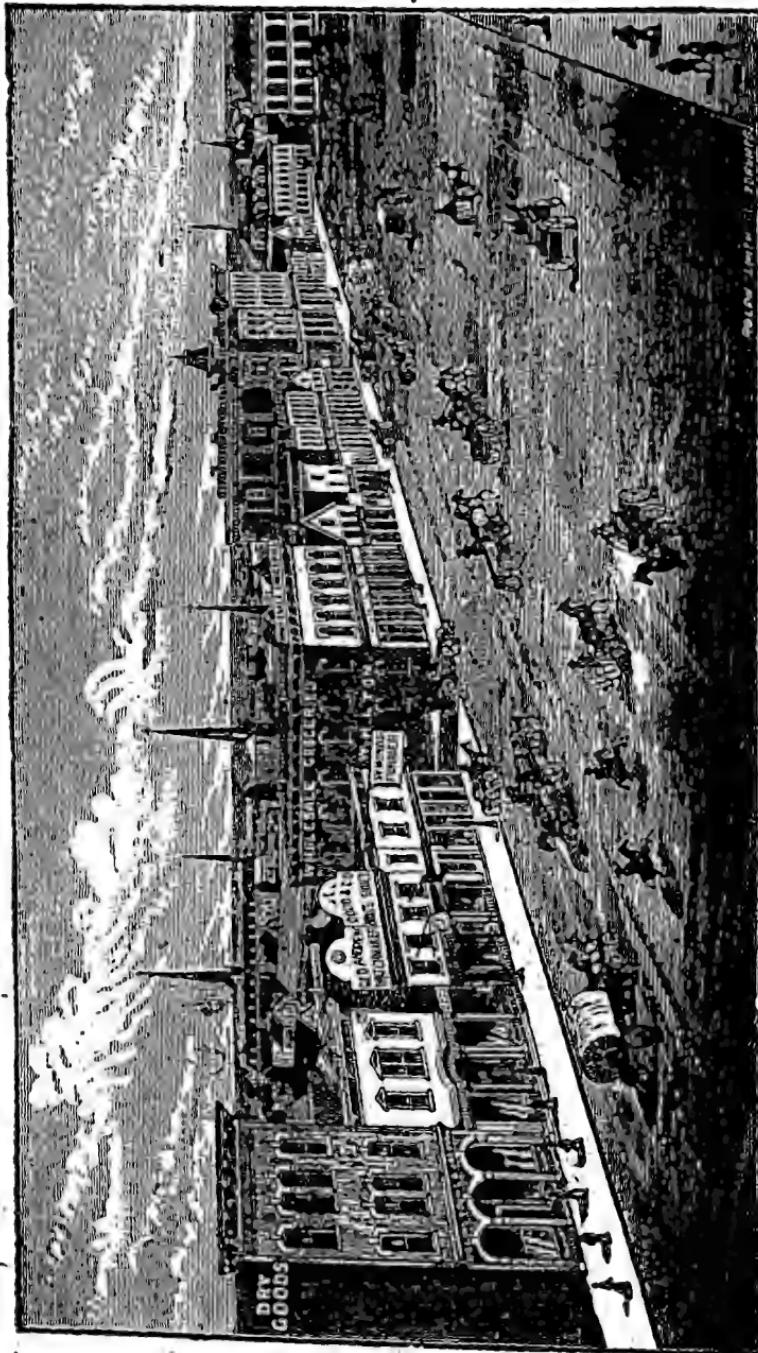
"26th December, 1879."

"JOHN MACOUN, F.L.S.



West Side Main Street, Winnipeg, Looking ~~South~~, 1870.

See front of Book for Winnipeg seven years ago.



West Side Main Street, Winnipeg, Looking North, 1879.

AND THE NORTH-WEST.

TO MANITOBA !

When and how to go to the Prairie Province—From British Ports to Canadian Ports—Steamship Lines and Railway Connections—Quebec, Halifax and Portland—Advice about Sailing—A chapter of general information for the Immigrant.

The time has long since gone by when it was a question whether the man of limited means, with a family and but poor prospects in the Old World, could better his condition by going to the New World and striving to build up a home and a competence for himself and his family. There is no longer a question about his being able to do so ; it is certain that any man who is able and willing to work, and who has any experience or adaptability for agricultural pursuits, can, in the course of a few years, build up a better and more prosperous future for himself and family in the thinly settled Province of Canada than he can in the over populated districts of England, Scotland or Wales. Thousands have tried the experiment during the last quarter of a century and practically proved its success by securing comfortable homes in a comparatively short time, and thousands are yearly following in their footsteps encouraged by their success, and frequently helped by remittances from those who have done so well as to be able not only to support themselves comfortably, but to assist others who were left behind. The question now-a-days, therefore, is not whether to come to Canada or not ; but when to come and how best to get there, and this chapter is intended as a guide to those who have determined to try their fortunes in the largest, most important and most flourishing colony of the British Empire. First, let us say a word as to

Who should come to Canada.

It must always be borne in mind that Canada is essentially an agricultural country ; although we have immense forests, prolific fisheries and almost inexhaustible mineral wealth, still our rich soil, splendid pasture-lands and magnificent wheat-producing prairies are the very backbone of the country, and agriculture is yearly and yearly becoming more and more the staple industry of the country ; therefore, the "tillers of the soil" are the class who are most needed here, and who are most certain of achieving success by steady industry. The agricultural resources of Canada are practically limitless, for in the vast prairies of the North-West we have a country, capable of producing the finest wheat in the world, which far exceeds in extent all the wheat producing territory of Europe combined ; and almost the whole of this bounteous heritage is as yet untouched by the plough or harrow, and awaits the hand of man to burst forth into smiling crops of plenty. To the farmer, then, Canada offers the greatest inducements ; but there is also scope for the labourer, the mechanician and the artisan, and the demand for these latter will increase as the country grows in prosperity and our manufactures become more thoroughly developed. During the past year the manu-

factoring industries of the country have greatly recovered from the depression under which they—in common with the manufactures of Great Britain and the United States—had been suffering for the past four years; and the present indications are that the recovery will be permanent, and the field for mechanical labour in Canada very much enlarged during the next few years. Professional and literary men and clerks are not advised to come, unless to fill up previously secured positions; but there is always a considerable demand for female domestic servants at good wages, and farm labourers, provided they are strong and healthy, can be sure of obtaining employment. The class, however, which is most needed and most sure of success is the tenant farmer—with some capital, or those who have some means and are inclined to adopt farming pursuits. Although the Canadian Government makes a free grant of one hundred and sixty acres of land to every actual settler, still a little capital is needed to stock it, erect buildings, etc., and the immigrant who has a couple of hundred pounds or so to begin with, starts under favourable circumstances which cannot fail to lead him to competency in ten or fifteen years, if he is steady and industrious. Having decided to come, the next question is

How and when to come.

In answer to the first we would say come by one of the steamship lines from Liverpool or Glasgow direct to Canada, landing at Quebec and thence pursuing the journey by rail to Manitoba or the North-west. In no case is it advisable to go by any of the American lines to New York or any other American port (except Portland in the winter) as they will prove more expensive in the end, and the immigrant will consume more time in reaching his destination in the North-west than by adopting the Canadian route; beside which he exposes himself to the risk of being swindled by irresponsible land agents and speculators, from whom he is protected in Canada, by the Dominion Government having responsible agents at all important points, to furnish immigrants with information and to direct them on their way. The three lines of steamers running direct to Canada are the Allan from Liverpool and Glasgow, touching at Londonderry; the Dominion Line, from Liverpool, touching at Quebec, and the Beaver Line from Liverpool. All these companies have local agents in all parts of England, Scotland and Ireland; and it is always best to apply to the nearest local agents who will furnish full information respecting rates of passage, dates of sailing, &c.; and supply the applicant with a number of pamphlets on Canada, containing information respecting public lands, &c. If there does not happen to be a local agent, then application should be made to the Canadian Minister to England, at the Canadian Government Buildings, 31 Victoria Street, London, E. C., where prompt attention will be paid to letters or personal application, and the fullest information given to intending immigrants on all questions of interest to them. It is always best to purchase a ticket before leaving home, as a place in the ship is thereby secured and much delay and inconvenience avoided in Liverpool. In the way of general information it may, however, be stated that Thursday is the day for leaving Liverpool, and the day following from Londonderry or Queenstown, and that the rate for steerage passage is about £6, but some reduction is made to families. Crossing the Atlantic

In the Steerage

has lost nearly all the horrors which it entailed twenty-five or thirty years ago, when the trip had to be made by sailing vessels; the passengers had to furnish and cook their own provisions, and were huddled together like sheep in a pen without the slightest attempt at either decency or comfort. Now the various steamships bringing passengers to Canada have large and convenient steerages divided into compartments, one for married couples and families, another for single men and a third for single women; the company furnishes three good meals a day consisting of meat, vegetables, bread and butter, coffee, &c., and there are a number of attendants to look after the comforts of the steerage passengers, besides a doctor to attend to their ailments. A separate sleeping berth is provided for each passenger, but he has to provide himself with a bed and bedclothes, besides a tin plate or two, knife and fork, wash-basin and drinking cup.

all of which can be procured in Liverpool for a few shillings ; but it will be as well to apply to one of the officers of the Company, or to the Dominion Immigrant Agent for advice where to get them, and so avoid imposition. Of course, these articles are the immigrants property and will be useful to him after his arrival, especially on his journey by rail to the North-west, which occupies some days. We wish to impress on immigrants to Manitoba and the North-west, the desirability of coming direct to Quebec in the summer time, and not to fall into the error of taking a ticket for Halifax or any American port, as that involves a long and tedious railway journey and considerable additional expense. If the immigrant desires to come out during the winter months, when the St. Lawrence is frozen and navigation to Quebec is closed, then he should take his ticket to either Halifax or Portland, and come up to Quebec by the Intercolonial or Grand Trunk Railways.

When to come to Canada.

As a rule the immigrant should not come to Canada during the winter months, say, from December to April, as there is less chance of the mechanic or artisan obtaining employment then than at any other time ; and, as the ground is covered with snow, there is, of course, no opening for the tenant-farmer or agricultural labourer until spring, which commences about the middle of April. Spring is earlier in Manitoba and the North-West than in the older provinces, and the immigrant leaving Liverpool about the middle of April, when the steamers begin running to Quebec, would arrive in Manitoba in plenty of time to take up his land, and have a season of seven months before him in which to build his house, get some of his land under cultivation and gather his crop before winter comes on. The spring, or early summer, is, therefore, the best time for the intending settler to come out, as it is also for farm and other labourers. Farm hands should recollect that although harvest time is the best for them, and they obtain higher wages then, it is better to come out before harvest, and endeavour to get an engagement by the year, thereby securing steady employment during the dull season. It is also well for farm labourers to remember that there is some difference between farming in England and in Canada, and that they will be much more valuable after they have spent a year here and learned "the customs of the country," than on their first arrival ; and that, therefore, it is very unwise to refuse an engagement for a year because the wages appear to be a little low, or less than hands who have been for some years in the country are getting. Having settled the time of departure, the next thing for the immigrant to consider is

What to take with him.

And here we may say that he will find it most to his profit and convenience to travel in "light marching order" and not incommodate himself with heavy and cumbersome articles which can be easily obtained in Canada as cheap, and in some cases cheaper, than in Great Britain, and better adapted to the climate and the country. Bedsteads, bureaus, carpets, and furniture generally should be sold off, but it will pay to bring good bedding, blankets, house linen, &c., and a good supply of woollen and other warm clothing which can be purchased cheaper in the United Kingdom than in Canada. There are also many little knick-nacks and useful household articles which will bring little or nothing if sold, but will come in very handy in the new house ; but due care should always be taken as to size and weight. The steamship companies allow ten cubic feet of luggage free, and the railway companies 150 pounds of baggage free for each adult ticket ; but all excess is charged for, and although the charge is moderate still it amounts to a considerable sum for a long journey like that from Liverpool to Manitoba. It is quite unnecessary for farmers, farm labourers, or mechanics to bring their implements or tools with them, as they can purchase them in the nearest town to their ultimate destination at moderate rates, and better suited to the country, in most cases, than what they would bring with them. There may be some exceptions with regard to mechanics having tools for special trades, but even then it will, in most instances, be found more convenient to have the money than to be encumbered with a lot of heavy tools. Such articles as are needed on the voyage should be packed in a valise or carpet-bag and taken into the berth ; everything else should be packed in boxes or trunks

GUIDE TO MANITOBA

and plainly labelled with the passenger's name and destination, these will be placed in the hold and delivered at the port of debarkation. For wear on board, dark, warm clothes are best, and an old pea-jacket, and a heavy cloak or shawl will be found very convenient to have. There is one point on which intending immigrants should be very careful, and that is to see that every member of the family is in good health, for a strict examination is made before embarking, and none apparently affected by any contagious disease is allowed to sail.

On board.

Once fairly embarked the immigrant will do well to make himself thoroughly acquainted with the rules of the ship, which he will find hung up in the steerage, and which he is required to obey while at sea. The rules are not very numerous or exacting, but they must be adhered to, and the steerage passenger will find it to his comfort and convenience to comply with them, thereby conducing to his own health as well as that of others. Should he have any real cause of complaint, he should make it known to the Captain, who, with the Surgeon, is required to visit the steerage every day; but the steerage is so well conducted on the Canadian steamers that there is very little cause for complaint, and passengers should try to avoid giving unnecessary trouble by complaining without just cause. In case of sea-sickness there is scarcely anything to be done but to "grin and bear it," although, of course, if the sickness is very long or violent the doctor will attend the sufferer. It must be remembered that medical advice and treatment are included in the passage rates and there is no extra charge for either. Sea-sickness seldom lasts for more than two or three days, and the remainder of the trip will pass very pleasantly. Immigrants will do well to supply themselves with a few books and papers, or they may sometimes find the time hang a little heavily on their hands. During the spring and summer the passage seldom lasts more than from ten to twelve days; and in about that time after leaving Liverpool he can count on being

Landed at Quebec.

to which port only it is best to take a ticket, and there procure another ticket to whatever part of Canada may be desired. Immigrants' baggage is admitted free and includes all household effects, clothing, &c., but not uncut cloth in pieces; therefore, it is as well to be careful to have all clothes cut out at home and made up either there or on the voyage, which will find employment for the women and girls when they will be glad of something to do. It is well, also, to remember that the attempt to smuggle through the Custom House small parcels of dutiable goods might lead to very serious consequences; for although the Canadian Customs officers are very considerate with immigrants and save them as much trouble as possible, they are very severe with would-be smugglers. At Quebec the immigrant can get from the Government Immigration Agent all the information he requires as to the cheapest and best way to get to any part of Canada he may desire, and it will be found to save much time and trouble to consult him, or some of his assistants, instead of trusting to oneself alone. To reach Manitoba the quickest way is to go all rail by way of the Grand Trunk to Detroit, from thence, by way of Chicago and St. Paul, to Emerson, where the branch line of the Canada Pacific runs to Winnipeg, the capital of the Province; or, if a day or two longer makes no difference, it will be pleasanter to go by rail to Collingwood or Sarnia, from each of which places a line of steamers runs to Duluth, at the head of Lake Superior—the largest sheet of fresh water in the world—and from thence by rail to Winnipeg. The journey from Quebec to Winnipeg will take about six days, and the cost by immigrant train (3rd class) is about £5; it must be remembered, however, that this does not include meals; but at Quebec, Montreal, Toronto, and other points along the line the Government has erected depots for immigrants where an excellent meal can be had for twenty-five cents (one shilling) so that the cost of "living by the way" need not be very great. This chapter has been intended chiefly for immigrants coming out in the steerage; farmers and others of means who can afford to come out as saloon passengers are referred to the advertisements of the different Steamship Companies.

The Different Routes through Canada and the United States.

"The immigrant from Europe, on arrival at Quebec, may travel direct through by railway to St. Boniface in about four days' travelling time. St. Boniface is the terminus in Manitoba, and situated immediately opposite the City of Winnipeg, the commercial centre; the most direct route being as follows: Quebec, by Grand Trunk Railway, via Sarnia and Port Huron to Detroit, in the State of Michigan; thence to Chicago or via the Great Western from Toronto to Detroit, connecting with the Michigan Central for Chicago—Chicago, Milwaukee & St. Paul Railway—or the Chicago, St. Paul & Minneapolis Line, (see advertisements), to St. Paul, in Minnesota, St. Paul to St. Boniface, by the St. Paul and Pacific, and Pembina Branch of the Canadian Pacific Railway, the total distance being about 2,000 miles, first-class fare being \$51.85, and by immigrant cars, which are comfortably fitted up, \$34. Special rates are made for colonists or immigrants going through in large parties together; information regarding which may be had from any of the Government Immigration Agents. The rates through to New York or Boston are about the same as from Quebec.

THE LAKE ROUTE.—If the Lake Route is preferred, it is as follows: From Quebec to Sarnia by the Grand Trunk Railway, connecting with the large and powerful steamers of the North West Transportation Company, for Duluth; or from Quebec to Toronto by Grand Trunk Railway, connecting with the Northern Railway for Collingwood, where close connections are made with the fine steamboats of the Collingwood and Lake Superior Line, which also deliver freight and passengers at Duluth. The scenery by the Lake Routes is charming, and the time, Quebec to Manitoba, is from about eight days. First-class rates the same as the all-rail route; second-class, \$27.50. By rail each adult is allowed 150 pounds of baggage free, extra baggage will cost \$3.50 per 100 lbs. At Duluth close connections are made with the Northern Pacific Railway for Manitoba.

Outfit, Prices, &c.

Immigrants and others can purchase agricultural implements, stoves, iron, and tin ware, groceries, in fact all necessary outfit in Manitoba, nearly as cheap as in the Eastern part of Canada, and save all risk and trouble and expense of extra baggage, &c. A necessary and important item in the outfit, is a good tent with poles, for the journey after leaving Winnipeg, as well as for accommodation until a small house can be built. A good supply of bedding with a large sized water-proof, or India rubber blanket, which will be found of great value to lay next the ground and thereby always keep the bedding dry and comfortable; each family should also be possessed of a small assortment of medicines, in case of accidents or sickness.

In order to get a fair start, a family should have on entering their land at least means for the purchase of a year's provisions for a family of five, say.....\$200 00

One Yoke of Oxen, say.....	130 00
One Cow.....	30 00
One Wagon.....	90 00
Breaking Plough and Harrow.....	30 00
Chains, Shovel, Tools, &c., say.....	20 00
Cook Stove, with furniture.....	25 00
Seeds, &c.....	10 00
Building contingencies, say.....	30 00

In all.....\$565 00

equal in sterling money to about £113.

Prices in Winnipeg.

In order to give some idea of the value of various articles in Winnipeg, we condense the following from the weekly commercial review of the *Winnipeg Times* of 11th of September; the quotations, except those under the head "market prices," being wholesale.

FLOUR AND GRAIN.—Flour, xxxx, per bag of 100 lbs., \$2 to \$2.50; flour, patent process, \$2.75.; wheat, 60c. to 75c. per bushel; oats, 50c. to 55c.; barley, 55c. to 65c.; flax-seed, \$1 to \$1.25 per bush.; bran, \$12 per ton; shorts, \$14.

TEAS.—Japans, all grades, 35c. to 60c. per pound; young Hysons, 35c. to 60c. per pound; Gunpowders, 50c. to 80c. per pound; Congouis, 30c. to 45c. per pound.

COFFEEES.—Green—Java, 35c. to 40c. per pound; Rio, 20c. to 25c. per pound.

Roasted.—Java, 40c. per pound; Rio, 30c. per pound. **Ground**—Java, 42c. per pound; Rio, 39c. per pound.

SUGARS.—Dry crushed, 12c. to 12½c. per pound; granulated, 11½c. to 12½c.; Extra C., 10½c. to 11½c.; yellow, 9½c. to 10½c.; Scotch refined, 10c. to 10½c.; cut loaf, 12c. to 12½c.

SIRUPS.—Royal Imperial, 75c. per gallon; \$4.50 per 5 gallon kegs; "Three Star," \$4 per keg.

SPICES.—*Ground*—Black pepper, 18c. to 25c. per pound; allspice, 25c. to 30c.; cloves, 40c. to 45c.; cassia, 30c. to 40c.; ginger, 30c. to 35c.; mustard, 18c. to 25c.
Whole—Black pepper, 18c. to 20c.; allspice, 20c. to 25c.; cloves, 45c. to 50c.; cassia, 25c. to 30c.; nutmegs, \$1 to \$1.10; ginger, 30c. to 35c.

RICES.—A moderate enquiry has existed for this article:—Rice, 7½c. to 8c. per pound; sago, 12½c. to 13c. per pound; tapioca, 12½c. to 13c. per pound; arrowroot, 25c. to 30c. per pound.

FRUITS.—Raisins, \$2.75 to \$3; loose muscats, \$2.50 to \$2.75; Valencias, 10c. to 11c.; sultanas, new, 10c. to 12½c.; currants, new, 7½c. to 8c.; figs, new, 10c. to 15c.; prunes, new, 8c. to 10c.; dried cherries, 30c. to 35c. per lb.; Tarragona almonds, 20c. to 26c.; filberts, 15c. to 20c.; walnuts, English, 15c. to 20c.

CANNED FRUITS.—Apple butter, \$8 per case of dozen; string beans, \$4 to \$4.50 per case of 2 dozen; lima, \$4 to \$4.50; blackberries, \$4.50 to \$4.75; red cherries, \$4.50 to \$4.75; white, \$5.75 to \$6; corned beef, \$4.50 to \$5, 1 dozen cases; yarmouth corn, \$4.50 to \$4.75; damsons, \$4.50 to \$5; egg plums, \$5.50 to \$6; green gages, \$5.50 to \$6; gooseberries, \$5 to \$5.50; green peas, \$4.75; peaches—2 pounds, \$5.25 to \$5.50; 3 pounds, \$7.50 to \$8; pineapple, \$4.75 to \$5; quinces, \$5 to \$5.50; raspberries, \$5 to \$5.50; strawberries, \$5 to \$5.50; succotash, \$4.50 to \$5; tomatoes; 2 pounds, \$3.50 to \$3.75; 3 pounds, \$4 to \$4.50; whortleberries, \$4.50 to \$5; lobster—1 pound, \$2.25 to \$2.50 per dozen; salmon—1 pound, \$2.25 to \$2.50; oysters, \$3.50 to \$4 per case of 2 dozen; Bartlett pears—2 pounds, \$4.50 to \$6.

LUMBER.—The retail prices of lumber are as follows:

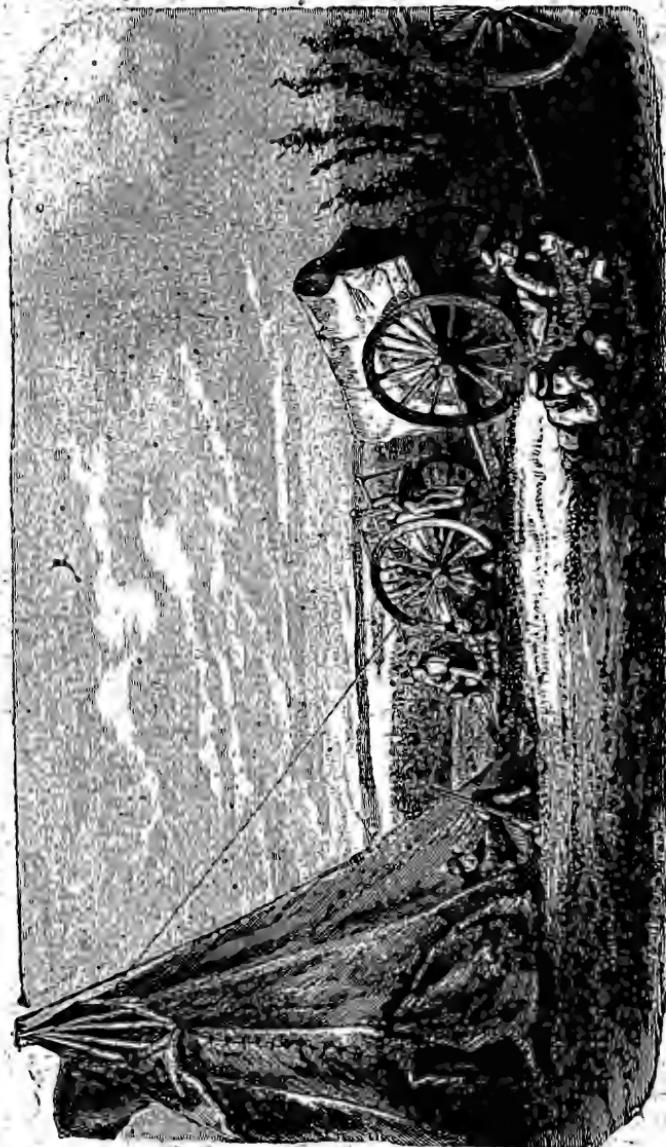
1st. Common Boards 12, 14, 16 18,	1st Siding.....	\$4.00
and 20 ft.....	2nd "	35 00
Culls, " " " 20 00	3rd "	30 00
Scantling, Joists, and Timber 20 ft.	1st Ceiling, 1 inch, dressed 2 sides.	45 00
and under.....	2nd "	40 00
Do over 20 ft. for each additional foot.....	3rd "	35 00
Fencing, 6 inch.....	Split Siding or Clap-boards	25 to 30 00
Stock Boards, all widths.....	1st Clear, 1, 1½, 2, and 2 inch....	50 00
" dressed 1 side.....	2nd "	45 00
" dressed 2 sides.....	3rd "	40 00
1st Flooring, dressed.....	XX Shingles	5 50
2nd "	X	4 50
3rd "	No. 1 "	4.00
1st Ceiling, 1 inch, dressed 1 side..	Lath	4 50
2nd "	Pickets—Flat or Square	25 00
3rd "	Pickets, dressed	28 00
	Battens	30 00

FURS.—Beaver, \$2.40; rats, 10c.; red fox, \$3.35; fisher, \$7.50; otter, \$4.75 to \$5; bear \$4 to \$8; cross fox, \$4.75; silver, \$25; martin, \$2; mink, 90c.; lynx, \$1.75; wolverine, \$3.50; large wolves, \$3; small, \$1.30.

MARKET PRICES.—*Vegetables*—Beets, three bunches for 10c.; carrots, do.; cauliflower, 5c. to 10c. per head; celery, 10c. per bunch; cucumbers, 25c. per dozen; cabbages, 5c. to 10c. per head; Indian corn, 10c. to 15c. per dozen; lettuce, 2½ inches, 5c.; mint, 15c. per bunch; onions, \$1.50 per bushel; parsley, 5c. per bunch; radishes, 3 bunches for 10c.; potatoes, 40c. to 50c. per bushel; radishes, 2 bunches for 5c.; rhubarb, 10c. per bunch; sage, 5c. per bunch; sweet marjoram, 5c. per bunch; thyme, 5c. per bunch; tomatoes (ripe), 10c. per lb.; turnips, 15c. per peck. *Dairy*—Cheese, 12½c. to 15c. per pound; tub butter, 20c. to 25c. per pound. *Meat*—Beef, from 5c. to 15c. per pound; sirloin steak, 15c. per pound; lamb, \$1 to \$1.50 per quarter; mutton, 15c. to 18c. per pound; veal, 15c. per pound; bologna sausage, 15c. to 20c. per pound; pork, \$15 to \$15.50 per barrel; bacon, 9½c. to 10c. per pound; hams, 14c. to 15c. per pound; roll bacon, 12c. to 13c. per pound.



Pie Island, Lake Superior.



Buffalo Skin Lodge and Red River Cart.

HUDSON'S BAY CO.

FARMING LANDS

FOR SALE IN

MANITOBA, AND THE NORTH-WEST.

The HUDSON'S BAY CO. own about 7,000,000 of acres in the great fertile belt, and now offer for sale about

500,000 ACRES

in the Townships already surveyed by the Government of Canada.

Full Information in regard to these Lands will be given at the Offices of the Company, in Winnipeg and in Montreal.

C. J. BRYDGES,

Land Commissioner.

MONTRÉAL, CANADA, 1879.

GUIDE TO MANITOBA

Table of Distances.

BY WAGGON ROAD.

Winnipeg to Western Boundary of the Province of Manitoba, and to Forts Ellice, Carlton, and Edmonton.

	MILES.
Winnipeg.....	0
St. James	3
St. Charles.....	9
Headingly	13
St. Francois Xavier.....	19
Pigeon Lake.....	25
Baie St. Paul.....	32
Long Lake	38
Poplar Point	46
High Bluff.....	53
Portage La Prairie.....	60
Westborne (Whitemud River).....	80
Palestine (Totogon six miles north of Westborne).....	98
Beautiful Plains.....	115
Little Saskatchewan.....	143
Shoal Lake.....	179
Birdtail Creek.....	199
Fort Ellice, Assiniboine River.....	213
Cut Arm Creek.....	290
Little Touchwood.....	328
Touchwood.....	371
Round Hill	456
South Saskatchewan.....	502
Fort Carlton, North Saskatchewan.....	520
*Fort Pitt	687
Victoria	809
Fort Saskatchewan	868
Fort Edmonton.....	880

Pembina Branch Railway.

Emerson (international boundary) to Selkirk.

	MILES.
Emerson	0
Penga (Rousseau River)	10
Arnaud	18
Dufort	26
Otterburn (Rat River)	35
Niverville	43
St. Norbert	54
St. Boniface, opp. WINNIPEG	61
Bird's Hill	68
Selkirk	81

Canadian Pacific Railway, Red River Eastward—Selkirk to Rat Portage (Lake of the Woods).

	MILES.
Selkirk (on Red River)	0
Tyndall	8
Beausejour (Brokenhead River)	16
Whitemouth (Whitemouth River)	41
Rennie	61

*By Road North Saskatchewan River.

AND THE NORTH-WEST.

35

	MILES.
Telford.....	75
Cross Lake	77
Ingolf	83
Kulmar	91
Lake Deception	98
Ostersund	103
Rat Portage Keewatin	113

Dawson's Road.—Winnipeg to North-West Angle.

	MILES.
Portage de Chênes.....	30
Brokenhead River	64
Whitemouth River.....	80
Birch River.....	110
North-West angle, Lake of the Woods	

By Road—North-West.

	MILES.
Winnipeg to Penitentiary.....	12
“ Victoria	24

By Red River and Lake Winnipeg.

	MILES.
Winnipeg to Gimli, Icelandic Settlement	56

By Road—South-West.

	MILES.
*Winnipeg to Headingly	13
“ Pembina Mountain	65
“ Rock Lake	115

By Road up West Bank Red River.

	MILES.
Winnipeg to St. Norbert	10
“ Morris	25
“ Scratching River	42
“ Dufferin	67
“ West Lynne (opposite Emerson)	69

By Road North-West.

	MILES.
Winnipeg to Shoal Lake	40
St. Lambert, Lake Manitoba	55
Oak Point “	63

By Road down West Bank Red River.

	MILES.
Winnipeg to St. John's	2
“ Kildonan	5
“ St. Paul's	8
“ St. Andrew's	16
“ Lower Fort Garry	20
“ St. Clement's	22
“ Selkirk	24

* Approximate Route of the proposed Winnipeg and South Western Railway.

GUIDE TO MANITOBA

New Settlements in the Province are known as follow:-

DISTRICT No. 1.—WINNIPEG.

Township	14.....	Range	1 W	Argyle.
"	8.....	"	1 E & W	River Sale.
"	13.....	"	1 E	Grassmere.
"	12.....	"	1 E	Carleton.
"	13.....	"	2 E	Rockwood.
"	12.....	"	2 W	Union.
"	14.....	"	2 E	Victoria.
"	15.....	"	2 E	Greenwood.
"	15.....	"	1 E	Ridgeway.
"	16.....	"	2 E	Dundas.
"	9.....	"	4 E	Prairie Grove.
"	10.....	"	5 E	Plympton.
"	11.....	"	4 E	Springfield.
"	11.....	"	5 E	Sunnyside.
"	10.....	"	7 E	Richland.
"	12.....	"	6 E	Cook's Creek.
"	17.....	"	4 E	Wlfitewold.
"	14.....	"	2 W	Woodlands.
"	13.....	"	2 W	Meadow Lea.
"	13.....	"	3 W	Poplar Heights.
"	13.....	"	4 W	Ossowo.
"	14.....	"	4 W	Berlin.
"	16.....	"	3 & 4 W	Simonet.
"	17.....	"	3 & 4 W	Belcourt.
"	12.....	"	5 W	Melbourne.
"	14.....	"	4 E	Clandeboye.
"	15.....	"	2 W	Fivehead.
"	14.....	"	1 E	Brant.
"	9.....	"	7 E	Caledonia.
"	7.....	"	7 E	DeLorimer.
"	10.....	"	6 E	Millbrook.
"	11.....	"	6 E	Rossmere.
"	13.....	"	5 & 6 E	Stadacona.
"	12.....	Range	8 E	Garnet.
"	13.....	"	8 E	Wolseley.
"	4.....	"	3 E	Marcellias.
"	14.....	"	3 W	Boinbedoon.
"	16.....	"	26 W	Lorne.

DISTRICT No. 2.—EMERSON.

Township 1 Range 2 E..	Dufferin.
" 1 "	3 E.. Hudson.
" 1 "	4 E.. Belcher.
" 2 "	2 E.. Murrails.
" 2 "	3 E.. Franklin.
" 2 "	4 E.. Parry.

Township 2 Range 1 E..	Whitehaven.
" 3 "	2 E.. Almonte.
" 4 "	3 E.. Charleston.
" 3 "	3 E.. Melwood.
" 7 "	6 E.. Clear Springs.
" 7 "	7 E.. Ridgewood.

DISTRICT No. 3.—DUFFERIN.

Township 2 Range 6 W..	Alexandria.
" 5 "	4 W.. Rosewood.
" 5 "	6 W.. Sharon.
" 5 "	5 W.. Ferris.

Township Range 6 W..	Thornhill.
" "	6 W.. Belmont.
" 3 "	9 W.. Blandford.
" 2 "	6 W.. Mills.
" 6 "	4 & 5 W.. Boyne.

DISTRICT No. 4.—WESTBOURNE.

Township 12 Range 8 W Burnside.	Township 14 Range 9 W Totogan.
" 13 & 14 " 9 W Westbourne.	" 14 " 10 W Woodside.
" 13 " 11 W Golden Stream.	" 14 " 11 W Palestine.
" 18 " 7 W Oakland.	" 14 " 12 W Livingstone.
" 13 " 10 W Derby.	

DISTRICT No. 5.—LITTLE SASKATCHEWAN.

Township	16	Range	15 W	Eden.
"	15	"	14 W	Beautiful Plain.

CONDENSED EXTRACTS

FROM

SURVEYORS' REPORTS OF TOWNSHIP SURVEYS.

Below we give a synopsis of the Surveyors' reports on every surveyed township in each range east and west of the Principal, or Winnipeg Meridian. These reports are official, and can be relied on as giving correct information as to the quality of the land, supply of water and timber, and other interesting particulars. A careful study of them will enable the intending settler to ascertain where the best sections for his purpose are located. These reports are brought down to the close of the survey season of 1879:—

EAST OF THE PRINCIPAL MERIDIAN.

RANGE 1.—Consists of 18 townships. The soil for the most part is very rich and well adapted to farming. A large portion of it is flat and rolling prairie and several of the townships produce exceedingly heavy crops of hay and grass. There is comparatively little timber in townships 1 to 13 and there is no running water in townships 2, 3, 4, 7, 9, 10, 12, 13. The Riviere aux Marias runs through a portion of township 1; the Riviere aux Gratias through township 5 and 6; the river Sale through township 8 and Sturgeon Creek runs through township 11. In most of the townships good water can be found at a moderate depth; and the water supply is specially good in townships 3, 4 and 12. In township 12 there is a prominent ridge running from north-west to south-east which contains lime, marl and gravel; and township 13 is abundantly supplied with wild fruit, such as plums, cherries, strawberries and raspberries. Townships 14 to 18 are mostly covered with poplar, the soil generally being not so good as in the other townships, and the water supply moderate.

RANGE 2.—Consists of 18 townships, most of which are well suited for agricultural purposes; the soil is generally rich, and a large portion prairie, but water is scarce in some townships, and there is very little timber except in townships 17 and 18, which are well covered with poplar and some spruce. Township 1 mostly rolling prairie, sheltered by *Rivière aux Mardis* timber belt, which consists of oak and basswood, but there is not more than enough for the sections in which it grows. There is a small lake in sections 11 and 14, and good water at moderate depth. Township 2 is all open prairie; very little timber; no water except wells. Township 3 partly prairie; soil fine clay loam. *Rivière au Rosseau* runs through south part of township. Townships 4 and 5 good soil, fairly watered, and enough wood for immediate purposes. Townships 6 and 7 partly high prairie, partly low marsh or hay land. Township 8, good soil, but no wood or water. Township 9, wet prairie, about half covered with poplar and willow. Township 10, mostly bush, good for fencing and fire, but not for building. Township 11, no timber, but excellent water supply, Sturgeon Creek running through part of it. A rocky ridge traverses township, and there is good stone quarried in section 34. Township 12 nearly all open prairie. Township 13, two-thirds best possible prairie land; remainder mostly barren and stony, with a few poplars, willows and alders. Township 14, mostly level prairie, with large marsh in easterly portion, through which Jack Fish Creek runs. A good deal of poplar in south-west, part of which is fit for building purposes. Township 15. Well wooded with large poplar fit for building, and excellently watered. Soil rich loam mixed with clay. Townships 16, 17 and 18, well wooded and good supply of water. Soil good, mostly deep rich loam with clay bottom.

RANGE 3.—Twenty townships. The soil is for the most part good, water supply fair and moderate quantity of timber. The capabilities of the different townships may be summarized as follows: 1. Dry level prairie drained by Joe river; soil sandy loam; scarcely any timber. 2. Low prairie drained by river Rosseau, on the banks of which there is a fair growth of oak, poplar and elm. Greater part of Township best adapted to stock raising. 3. Level prairie, drained by Rosseau; fair quality of oak and poplar along river; soil black loam, excellent for agricultural purposes. 4. First class agricultural land; good water to be had anywhere by digging. 5. Low marshy ground without timber, and generally unfit for agricultural purposes. 6. Rolling prairie excellent for agriculture; Rat River flows from South-east to North-west; sections 17, 18, 19, 23, 25, 26, 27, 29, 30, 32, 34, 35, and 36 covered with oak, ash, elm, and poplar. 7. Good for agriculture; wooded in South and along Rat river. 8. Good farming country, but no timber. 9. Fair farming land. 10. Good land, mostly level but needs draining; good supply timber. 11 and 12. Fine rolling prairie, with fair supply of timber. 13. North-east part mostly bogs around which is some good hay land; Western part heavily timbered oak and poplar; South well covered with young timber. 14. Nearly all prairie, soil rich loam mixed with clay. 15. A great deal of marsh land, and excellent hay land; very little timber. 16. Large quantity good building timber in north-east part, rest of township hay land, low prairie and deep marsh. 17. Mostly good land, well wooded and well adapted for settlement. 18. North-west marshy, balance excellent land, well wooded and slightly undulating. 19 and 20. Not fit for settlement, soil poor and stony except where it is muskeg, or tramarac and spruce swamps.

RANGE 4.—Twenty-four townships almost all good farming land fairly wooded and watered. 1. Western portion level prairie with good soil; eastern section poor soil. 2. Soil in eastern half light, in west good clay and clay loam; water supply poor, except in north-east quarter of township; no timber in west, very little in east. 3. Deep black loam, well watered by Mosquito Creek and Riviere Rosseau; fair supply timber. 4. Western sections excellent farming land, well watered and fairly timbered; balance swampy only fit for hay. 5 and 6. Excellent farming land, watered by Rat River; good supply fair building timber. 7. About half township good farming land, balance marshes; very little timber. 8. Excellent farming land. 9. Generally unfit for cultivation. 10. Generally marshy with some good hay land; no streams, no timber. 11 and 12. Best quality farm lands; good supply timber. 13. Sections 18, 19, 20, 30, and 31 bogs, balance deep light loam producing splendid crops, wheat; fair supply small timber. 14. Level and dry, except sections 2, 3, 10 and 11, and a large morass

In sections 6 and 17; not much timber. 15. Good soil, watered by Netley Creek, good supply poplar, oak and willow. 16. Well wooded with large poplar. 17 and 18. Good quality land, well wooded and watered; bounded on east by Lake Winnipeg. 19, 20, 21 and 22 are Icelandic settlements along Lake Winnipeg near the shores of which the soil is good, but poor elsewhere. Gimli, the chief town of this settlement, is in township 19. 23. About one-third good land, balance swamps and hay marshes, with some muskegs. 24. Very little land fit for cultivation; considerable quantities of tamarac and spruce.

RANGE 5.—Fourteen townships, some of which are excellent lands, and others unfit for settlement. 1. Plenty small timber; soil in southern portion poor and swampy, in northern, good rich sandy loam; good water everywhere by digging. 2. Rolling prairie, excellent land; River Rosseau runs through north-east part. 3. Land in south only adapted to agriculture; township watered by Rat Creek and River Rosseau, and has good supply of oak and poplar fit for building. 4 and 5. Well timbered, but very inferior soil. 6. No timber; no good for agricultural purposes. 7. Chiefly level prairie, with heavy clay soil; a good deal of wet land and very little timber. 8. Mostly bog or level, wet land. 9. Generally level prairie, with fair quality of low, rich bottom land, good for hay. 10. Part open and level prairie; soil deep, rich loam, mixed with clay. 11. First-class farming land; no creeks or running water, but numerous good springs. 12. First-class soil, except in centre of township, where it is inferior; good supply of large timber. 13. Well adapted to cultivation, although somewhat swampy. 14. Excellent farming land, soil good and deep, and pure water easily obtainable.

RANGE 6.—Sixteen townships, several of which are little better than bog and swamps, but others contain good farming land. 1. Totally unfit for farming, fair growth poplar. 2. High land, chiefly prairie, well adapted for farming; soil dark loam, but somewhat lighter on ridges; well watered by River Rosseau, and sufficient supply of timber for fuel and farming purposes. 3. Soil chiefly coarse, stony gravel, southern part wet, northern fairly timbered, tamarac and spruce. 4. Soil light, clay loam, except in south-west where it is stony and gravelly. 5. Flat, level swamp, unfit for farming. 6. Nearly all bush, land poor quality. 7. Soil deep clay loam, easily worked and well adapted for agricultural purposes. 8. Northern part useless swamp in which River Seine is lost; southern portion level prairie, with deep, strong clay soil. 9. Partly level prairie of rich, deep clay loam; partly large marsh; River Seine runs through part of township, and furnishes good fresh water. 10. Low, level surface, very good for hay. 11. About one-sixth marshy meadow, only fit for hay; soil of westerly sections rich clay loam, in easterly rather stony. 12. Rolling land traversed by numerous ridges and marshes, very valuable for hay; nearly half the township covered with poplar bush, several creeks, the chief of which is Cook's Creek, which furnishes good water the year round. 13. Only sections 19 and 30 are fit for farming; balance of township heavily wooded with poplar, oak, and spruce. 14. not fit for farming. 15. One of the best townships in the range for settlement; soil good black loam with substratum of white clay. 16. Very swampy but well wooded with large timber of best quality.

RANGE 7.—Seventeen townships, the largest number of which are utterly useless for settlement. Townships 1, 2, 3, 4, 5, and 6, are almost wholly unfit for agricultural purposes, being mostly composed of floating bog or swamps, and what soil there is, is poor and light. There is a good growth of poplar, tamarac, and Norway pine in township 4, but the timber in the other townships is poor. Township 7 is mostly covered by "The Devil's Swamp," and the soil of the rest of the township is poorer. 8. The Dawson Road crosses this township; the soil is generally sandy and the south-easterly sections are all marsh; the westerly section comprises part of the flourishing settlement of Oak Point; the northerly part of the township is well wooded with poplar, spruce, and willow. 9. The westerly part is well adapted for settlement, and the timber and water are of good quality, soil in easterly portion very inferior; the English River flows through south-westerly portion of township. 10. Western part excellent for settlement, soil, timber, and water all good. 11 and 12. Good water but poor land. 13. Easterly portion all marsh; westerly heavily timbered with poplar, spruce, elm, and oak. 14. Westerly part unfit for agricultural purposes; the remainder is good soil with some good

GUIDE TO MANITOBA

hay marshes. 15. Soil generally inferior, except in north-easterly part of township through which Broken-Head River flows, the banks of which are well wooded with oak, pine, poplar and ash, and the soil is of excellent quality. 16. South-east quarter is Indian reserve, remainder is an elevated sandy ridge covered with small timber and bush. 17. All swamps, except the portion bordering on the eastern shore of Lake Winnipeg.

RANGE 8.—Seventeen townships, nearly the whole of which are swamp or muskeg and wholly unfit for settlement, except a portion of townships 12 and 13, on the banks of Broken Head River where the soil is rich and loamy, and a small strip in township 15. Some of the townships are well timbered, especially 5, 6, 7, 10, and 11, where there is a good supply of timber suitable for building.

BLOCK OUTLINE SURVEY OF TOWNSHIPS 7, 8, AND 9, IN RANGE 18, 19, 20, AND 21, AND TRAVERSE OF THE SHORES OF SHOAL LAKE AND LAKE OF THE WOODS. With the exception of a few comparatively unimportant patches the whole country presents the same rocky, rugged appearance as the North Shore of Lake Superior. The rocks are principally granite and slate with carbonate of copper and iron pyrites.

RANGE 22.—Consists of two fractional townships 3 and 4 South. The former contains only seven sections in a dense spruce and tamarac swamp, and is totally unfit for cultivation. The latter is situated on Rainy River and may be cultivated, but the soil is poor.

RANGE 23.—Consists of two fractional townships 3 and 4, South. The former is almost entirely cedar and spruce swamps and tamarac swamps and muskeg. The latter is on Rainy River and about half the township is well adapted for settlement, land being a good sandy or clay loam; timber and water good.

RANGE 24.—Two fractional townships 3 and 4 South; mostly poor and swampy land, with a fair supply of birch, tamarac, poplar and spruce.

RANGE 25.—Two townships 3 and 4 South. The whole of No. 3 is swamp and muskeg, except a small portion along the Pine River. About two-thirds of No. 4 is fit for settlement, the soil being sandy or clay loam, the best land being near Rainy River. There is a good growth of timber, especially one ridge of white pine near the centre of the township which is very valuable.

RANGE 26.—Three townships, 3, 4, and 5 South. No 3 contains a large percentage of good arable land heavily timbered with birch, poplar, spruce, tamarac, pine and cedar. No. 4 is partly Indian Reserve; the remainder is fair farming land, especially the sections through which Sturgeon River passes. Southern part well timbered. No. 5. The greater portion is Indian reserve; the balance is on the North bank of Rainy River and is a fair farming country.

RANGE 27.—Consists of township 5 South. The soil is of good quality, chiefly sandy loam with clay subsoil, well suited for agricultural purposes. There is a fair supply of poplar, balm of Gilead, birch and balsam.

RANGE 28.—Consists of townships 5 and 6 South. About two-thirds of these townships are fair farming land, the balance is spruce swamp, which might be easily drained. Fair supply of poplar, spruce, balm of Gilead, oak and birch, with some ash and elm.

RANGE 29.—Township 5 and 6 south. One half of No. 5 is good arable land well adapted for settlement; other half mostly spruce and tamarac swamp, but could be easily drained. No. 6 is good soil well adapted for cereals. Both townships have good supply of poplar, birch, balsam, spruce, and some pine, ash, elm, oak, and basswood.

RANGE 30.—Townships 5 and 6 south. No. 5 is four miles from Fort Francis; about half of it is good land fit for settlement, the sections along Rainy River being exceed-

ingly fine. Timber comprises poplar, balsam, birch, spruce, and tamarac, with a considerable quantity of white pine in western portion of township. No. 6 is within five miles of Fort Francis; the soil of about half the township is good, especially along Rainy River. Timber consists of poplar, balsam, birch, and spruce.

RANGE 31.—Township 5 south. Only a small portion fit for settlement and that is nearly all taken up. Fort Francis is in this township, and also the Government and Hudson Bay Company's Reserves.

WEST OF THE PRINCIPAL MERIDIAN.

RANGE 1.—Seventeen townships, mostly prairie; generally good soil, fair water supply, but little timber. 1. Rolling prairie, very rich soil, well drained, good water, no timber. 2. Almost level prairie, well adapted for settlement. 3. Open level prairie, soil part heavy clay loam, part light. 4. All prairie, north half high and dry; south half somewhat lower and wet in spring, but surface water rapidly evaporates. 5. Clear open prairie, well suited for farming, but no timber whatever. 6. Prairie, drained by Rivière Aux Gratias, excellent land, but no timber. 7. Part high prairie, watered and drained by Rivière aux Gratias; part of township included in the Great Hay Marsh. 8. Twenty sections fit for cultivation, balance good hay land; Rivière Sale runs through sections 35 and 36 and is fairly wooded. 9. Best adapted for grazing. 10. Partly dry land and moist hay land; soil excellent; good water easily found; no timber. 11. All open prairie, very rich soil; scarcely any wet or hay land; excellent water easily got; no timber. 12. Nearly all open prairie, with a few hay swamps; land very rich; no running water; very little timber. 13. South and west prairie; north well wooded with poplar, land good but rather stony; a good many hay marshes on prairie; a limestone ridge in Section 1, yields excellent lime. 14. About equal proportions of poplar groves and glades of prairie; good water by digging. 15. About two-thirds fit for settlement; there are a number of small poplar woods fit only for fences or fuel. 16. Greater part suited for settlement; northern portion contains fair quality small poplar; stony patches or ridges in some sections. 17. Good soil except a few stony patches and some hay marshes.

RANGE 2.—Seventeen townships, mostly prairie and the greater part of all of them excellent soil; water supply not very good and timber scarce. 1. Soil first-class, township more or less intersected by dry water-courses, the ponds in which afford better water in the dry season than can be had by digging. 2, 3, 4, 5 and 6, are all prairie townships, almost totally destitute of timber, but having a rich soil well suited for agriculture; no running water except in eastern part of the township 3; very little wet or hay lands. 7. Two-thirds of this township are occupied by the Great Hay Marsh; the soil is excellent and only needs drainage to fit it for agricultural purposes; in the south-west angle of the township there is about eight square miles of splendid prairie with excellent sandy loam soil. 8. About nine square miles form part of hay marsh; the township generally is very level, and is mostly covered with water in the spring. 9. Soil good, rich mould on strong clay; land generally dry; the Rivière Sale runs through northerly part of the township, and has some poor quality oak, elm and poplar on its banks. 10. Excellent soil; Rivière Sale flows through twelve townships, supplying excellent water. 11. Good farming land, no streams, but water easily found by digging; there is a large gravel-ridge on sections 19 and 20, very useful for road-making; no streams, but water easily found. 12. Soil rich dark loam, excellent for agriculture; few marshes; no running water; no timber. 13. Prairie township; excellent soil; fair growth poplar on sections 19, 20, 21 and 31; few marshes; no tim-

ber. 14. Best quality land; township well watered and good supply of timber fit for building. 15. Only that portion on south side Shoal Lake fit for settlement. 16. Well fitted for settlement, fair supply of poplar and oak. 17. Adjoins west shore Shoal Lake; well suited for settlement.

RANGE 3.—Seventeen townships, a number of which are fine prairie country and nearly the whole of them fit for settlement. 1, 2, 3, 4 are almost entirely open prairie, well suited for settlement, the soil is excellent and fair water can generally be had at a moderate depth. 5. About one quarter swamp, the balance best suited for hay. 6. Good level prairie; no running water, and supply generally moderate; a little oak timber in sections 16, 18, and 21; hay swamp across south of township. 7. About two-thirds is part of Great Hay Marsh; remainder excellent high prairie, good soil. 8. About twenty-nine sections of excellent high, undulating prairie, balance good dry land; no wood or water. 9. Level open prairie; soil generally black loam; 10. Partly high level prairie, partly low, rich bottom prairie; small supply of poplar and oak. 11. Better suited for grazing than agriculture. 12. Dry prairie, good soil. 13. About three-fourths good arable land; plenty of good fencing and building timber. 14. Inferior soil throughout, especially in south and east; plenty of good fence poles and a little building timber. 15. Chiefly rich loam, broken by a few swamps; about one-tenth prairie, balance partly covered with good green timber, the best for building being in northern part of township. 16. Situated on west shore of Shoal Lake, and is all good farming land. 17. Good soil; fair supply timber for fences and fuel, and a little for building; good water easily obtained.

RANGE 4.—Seventeen townships. 1. Better adapted for stock raising; some good timber in south-west. 2. Level prairie; black loam; two small islands, oak and black ash near centre. 3. Almost entirely open prairie, good for hay and grazing; heavy belt good elm, oak and poplar in north-west, traversed by two good streams. 4. Open prairie, and one of finest townships in Province for agriculture; number of water courses, and good water obtained three or four feet from surface. 5. Good farming land, except a portion of north-east which is swamp; a lasting stream of good water runs through the centre of township, on banks of which there is some fine oak, ash, maple, and elm. 6. Very heavy black mould overlaying white clay; every lot in township fit for settlement; a belt of good oak with elm and bass extends along either bank of the Boyne river; all sections contain wood and good water. 7. About twenty-six miles good prairie, balance part of Great Hay Marsh. 8. Sandy loam; nearly whole of township fit for cultivation, plenty of wood for fuel and fencing. 9. Part poplar bush, part prairie, which is mostly of a low marshy character. 10. Large portion consists of low bottom prairie with wet marshes; the high prairie is generally of fair quality. 11. Ranks as second-rate; some good timber in northern half. 12. Covered with thick poplar and underbush, some heavy elm and oak on banks of Riviere Sale and Mill Creek; land inferior. 13. Excellent soil, very attractive township for settlement; plenty of timber for building, fencing, and fuel, and Long Lake affords abundant supply of excellent water. 14. Better adapted to stock raising than farming. 15. Easterly part generally level prairie with some excellent timber of poplar and oak; large marsh in western portion. 16. East of Lake Manitoba, contains French Half-Breeds' settlement known as Indian Mission. 17. Soil rich loam but stony; southerly and easterly boundaries well wooded; remainder prairie broken by swamps and hay grounds.

RANGE 5.—Twenty townships, some of which are all that could be desired for settlement. 1. Pembina Mountain encroaches on Sections 2 and 33; there are many excellent locations for settlement well supplied with water and fuel. 2. Chiefly prairie, rich black loam; fine belt oak runs through southerly sections. 3. Prairie land with a belt of timber through it. 4. Prairie; no timber, but it is easily obtained from Pembina Mountain. 5. Surface level; soil very rich black loam; Tobacco Creek furnishes good water. 6. Surface level; soil black loam; well timbered with oak, elm and basswood; well watered by River Boyne. 7. Soil too sandy for good agricultural land. 8. Soil light and sandy; good supply building timber, water bad, except that of Elm Creek. 9. About half fit for farming; westerly and south-westerly sections of

no value. 10. With exception of hay marshes, land good for agriculture, especially northern sections, where soil is very superior; fair supply wood and water. 11. Well adapted for settlement; excellent soil; good supply timber and water. 12. Excellent soil, well suited for agricultural purposes. 13. Southern portion good farming country; north stony and gravelly; north-west fair farming. 14. Only fit for grazing and stock raising. 15. Mostly wet and marshy, what dry lands there are are good prairie, bordered by hay lands. 18. Greater part lagoons and lakes; the dry land is good and well adapted for settlement; eastern sections well wooded oak and poplar. 19. There is an extensive marsh on the shore of Lake Manitoba; eastern part of township splendid soil, well wooded with oak and poplar, with expansive prairies; several small lakes afford good water supply. 20. Northern part mostly wooded; southern part comprises hay swamps and several bogs and ponds; all connected with Swan Creek.

RANGE 6.—Twenty townships. 1. Is altogether comprised of the mountain range of Pembina Mountains. 2. Half prairie, black sandy loam; other half covered with good oak. 3. Prairie and woodland; greater portion of township rather stony. 4. Prairie and woodland; eastern part well adapted for settlement. 5. Surface level, soil dark loam; south-west low and wet, but well wooded by basswood, oak and elm; township well watered by Tobacco Creek. 6. Surface level; soil, eastern part, dark loam, western sandy; township watered by Rivière aux Iles des Bois, along which there is a good belt of oak, elm and basswood. 7. Soil very fertile; plenty of timber for settlement purposes; good water and abundance of hay. 8. Soil light but fertile; well suited for settlement; well watered; abundance of timber and hay. 9. Soil boggy, except the sand hills; no good for either farming or lumbering. 10. Consists of ridges of light sandy soil, alternating with low lands which are flooded in spring, but are well timbered with oak, black ash and basswood, and are well watered. 11. Well adapted for settlement; good soil, well watered by large creek, plenty of large poplar, elm and oak. 12. Almost entirely open prairie, excellent soil, and well suited for settlement. 13. Excellent soil for farming; numerous wooded groves in northern part, and plenty of good water everywhere at a depth of six to eight feet in low grounds, and twelve to twenty feet in high grounds. 19. Only contains three thousand acres, and is all occupied. 20. Wooded with poplars, oak, elm and ash fit for building; surface level and soil a good black loam.

RANGE 7.—Fourteen townships, the majority of which are not well suited for settlement. 1. Northern part so broken by Pembina River and Valley, with numerous small ravines as to be almost unfit for settlement; southern portion better, but soil light; water good. 2. About three-fourths good undulating prairie; soil, black loam; remainder mostly covered with good sized poplar. 3. Partly prairie, partly timber lands; north-westerly, part contains good land, well timbered with poplar and oak, but prairie portion in south-east is inferior. 4. Intercepted diagonally by Pembina Mountains, and about one-third unfit for settlement; remainder well suited for farming, good supply of wood and water. 5. Soil and timber inferior and surface broken; several branches of Tobacco Creek furnish good water. 6. About half fit for agriculture, but soil rather sandy; watered by Rivière Aux Iles des Bois, and partly traversed by Pembina Mountains. 7. Soil inferior, but best in southerly sections, especially along the north branch of the Rivière Aux Iles des Bois. 8. Surface level; soil mostly sandy clay of poor quality; north-west portion is best soil, fairly timbered with poplar and some oak. 9 and 10. Low and marshy, and quite unfit for settlement. 11. Small township with only one section good land, rest all marshy with reeds and rushes. 12. Excellent rolling prairie; soil fine, rich, black loam with slight mixture of sand; no timber. 13. Splendid soil; well suited for farming, but no timber. 14. Fine prairie land on border of Lake Manitoba; well watered by several streams; very little timber.

RANGE 8.—Seventeen townships. 1. Intercepted by Pembina River and Valley, only portions suited for settlement sections, 1 to 10 in south, and 31 to 36 in north. 2. Rough prairie; soil second rate; no water except in south-east corner. 3. Part prairie, part timber land; surface undulating; soil what is usually known as "drift," plenty of good water. 4. Good soil, well suited for settlement; good water by digging, but

GUIDE TO MANITOBA

surface water bad ; northern portion heavily timbered. 5. Land rolling and hilly, for most part thickly timbered ; soil good in south, but inferior elsewhere ; well supplied with good fresh water. 6. Soil inferior and so broken as to be generally unfit for cultivation. 7. Soil in north sandy, in south poor sandy loam, good supply of poplar with some oak, birch and basswood on mountains. 8. Soil black loam, but needs draining ; eastern part timbered with poplar, fit for fences and fuel. 9. Soil sandy, in places, pure red sand useless for cultivation ; township traversed by the Assiniboine, the margin of which has a good growth of fine oak, poplar, white birch and cotton wood. 10. Similar to township nine. 11. North-east and south-west generally well adapted for farming ; soil dark loam, well timbered with poplar and some oak ; south-east and south-west portions timbered with small poplar and willows, soil light and sandy. 12. Well adapted for farming ; soil rich loam, except in south-west part ; watered by Rat Creek. 13. Prairie, watered by Rat Creek, the land to the south of which is dry rolling prairie of excellent quality ; that to the west is mostly low and marshy. 14. On Lake Manitoba is mostly beautiful prairie land with very little timber. 16 and 17. Small fractional townships on west shore of Lake Manitoba, chiefly covered with poplar ; the soil is good.

RANGE 9.—Twenty townships. 1. Presents considerable attractions to the settlers ; soil of fair quality, mostly open prairie in south and west with good hay land ; Pembina River and Valley passed through in south-easterly direction, and is well timbered with poplar and some oak. 2. West side level prairie, soil black loam ; Pembina River and Valley runs through east side, but in many places the alluvial deposit has been washed away, leaving only clay and shale. 3. About half suited for settlement ; part timbered, part prairie ; well watered ; Pembina River flows through south-west part. 4. Part timber, part undulating prairie ; several muskegs in north ; well watered by creeks flowing to Pembina River ; soil rich, dark alluvial deposit. 5. Surface rolling, soil excellent, black loam averaging two feet depth ; one quarter township covered with poplar, balm of Gilead and oak, good fresh water in every part of township. 6. Surface rolling and hilly ; soil second quality ; several small lakes and creeks ; fair supply of poplar and willow. 7. Surface rugged, but soil excellent, heavily wooded with poplar, ash, birch, and elm, and well watered by brooks. 8. Well adapted for agriculture, excellent soil, good water, good supply poplar and oak. 9. Rolling land of inferior quality, covered with small poplar and grey willow. 10. Level ; rich sandy loam, covered with brush. 11. Chiefly black clay loam, well adapted for agriculture ; fairly wooded and watered. 12. Mostly open prairie ; soil generally black clay loam, suitable for cultivation. 13. White Mud River runs through northern quarter, and is bordered with oak and poplar ; the soil north of river is of light loamy character, on south it is wet and useless without drainage. 14. Well suited for agriculture. 15. On the west of Lake Manitoba is mostly marsh, with good hay lands. 16. Soil shallow, but of fair quality ; in the west there are numerous bad muskegs. 17, 18, 19, and 20, similar to last township.

RANGE 10. Twenty townships. 1. Rolling prairie ; fair soil and water, but no timber whatever. 2. Undulating prairie ; good soil, but no water except in swamps. 3. Open prairie with some muskegs ; Pembina River flows through north-east part, and there is some timber on its banks, otherwise there is no timber in the township. 4. Surface broken by numerous ravines, and mostly covered with poor timber and brush. 5. With exception of 6, 7, and 18, all excellent farming land ; fair supply timber and water to be had anywhere at a depth of eight to twenty feet. 6. North-west portion too hilly for cultivation ; remainder well adapted for farming ; land rolling, soil excellent, water supply good, and fair quality timber. 7. Hilly ; Rivière aux Iles des Bois, flows through northern half, and its valley is well adapted for grazing. 8. Surface rolling, with deep ravines along watercourses ; soil excellent ; plenty of good water, but timber scarce. 9. Rolling land, poor soil, with numerous muskegs ; not fit for either agriculture or grazing. 10. Sandy loam of poor quality ; north-east covered with small poplar ; south-west prairie, with a growth of brushwood. 11 and 12 tolerably well adapted for settlement ; soil is only second quality, but this is counterbalanced by good supplies of wood and water. 13. North half is a floating bog ; south half wet in spring but dry in summer. 14. Well suited for settlement ; soil rich and deep black

mould ; plenty of timber for fences and fuel, and for milling ; it can easily be got from White Mud River. 15, 16, and 17, western part of these townships broken by the Big Grass Marsh, the soil generally is poor and unfit for cultivation, but some of it would do for pasture. 18. A dense marsh, broken by muskegs. 19. Poor land, wet and low, not fit for cultivation. 20. Lies west of Lake Manitoba, soil fair and for two or three miles inland from the Lake the timber is excellent.

RANGE 11.—Twenty townships. 1 similar to township 1, tenth range. 2. Rolling prairie ; excellent land, but no water. 3. Well suited for settlement ; nearly all rolling prairie with good soil ; good water can be had by digging, and plenty of timber can be obtained from adjacent townships. 4. Nearly all woodland, one belt of poplar and oak is about four miles long by one to three wide. 5. North and east poplar woods of good quality ; rest brush prairie fit for cultivation, watered by Pembina River and Swan Lake. 6. Nearly all hills, morasses and alkaline lakes, unfit for settlement. 7. Broken by many hills and ravines ; soil generally good, especially in the valleys, but water supply poor. 8. Soil good, except western part where there are sand hills ; the Assiniboine and Cypress rivers flow through the township, and there is a fair supply of timber along the former. 9 and 10. Sand hills and muskegs ; unfit for farming. 11. Generally low and marshy and unfit for cultivation. 12. Only a small portion east of White Mud Creek fit for farming. 13. Northern portion sandy loam ; south useless unless drained ; good supply of timber ; good water at depth of six to twelve feet ; some good locations for settlement along Pine Creek. 14. Well adapted for settlement ; excellent soil ; water good and abundant ; plenty of timber. 15. Well adapted for agriculture ; hay lands especially good. 16 and 17. Partly occupied by the Big Grass Marsh ; land generally good and many desirable locations for settlement. 18. The north-west corner, intersected by the Big Grass River, is good, but balance of township unfit for settlement. 19. Contains a large number of muskegs, but has good growth of spruce and poplar. 20. Timbered with poplar and spruce ; soil medium quality.

RANGE 12.—Twenty townships. 1. Rather hilly but good soil, well adapted for farming ; Cypress River runs through northern part and has a few good trees on its banks. 2. Rolling prairie ; excellent soil, Crystal River crosses township in a south-easterly direction and supplies the purest water. 3 and 4. Well suited for settlement ; partly woodland, partly prairie ; soil good ; water abundant and excellent ; timber plentiful and of good quality. 5. Nearly all covered with brush ; soil in most parts good ; in the hills it is slatey ; Cypress River runs through north-east. 6. North-east portion rolling prairie ; remainder covered with brush and fallen timber ; soil in valleys black loam, slightly sandy. 7. Land undulating and soil good, except in northern tier of sections ; very little wood, but plenty of good water. 8. Unfit for cultivation, except the valley of the Assiniboine. 9 and 10. All sand hills and swamps not fit for settlement. 11. Good soil ; excellent water and plenty of it ; fair supply of building timber. 12. Low, wet swamps, useless, unless drained, except a few sections on Pine River. 13. Covered with dense swamp ; soil generally good, except south-west which is low and swampy ; plenty of good water by digging or from small creeks. 14. Well suited for settlement ; soil rich loam ; water good and plentiful ; timber abundant. 15 and 16. Well adapted for agricultural purposes ; soil good ; fair supply of wood and timber. 17. Good soil, well watered, but rather short of timber. 18. Well suited for settlement ; soil good, especially in south, plenty of wood and the Big Grass River furnishes abundant supply of excellent water. 19. Mostly wooded with poplar and some spruce ; soil good, especially for hay ; and plenty of water. 20. Timbered with poplar and spruce ; excellent water ; land well adapted for stock raising.

RANGE 13.—Nineteen townships. 2. Rolling prairie ; good soil but little timber, and no water except in swamps and gullies and by digging. 3. Surface rough and broken, especially near Rock Lake ; large quantities of oak and poplar grow on margin of lake, from which the Pembina River flows. 4. Surface in most places broken with knolls and ponds ; low lands wet ; no streams, and nearly all the numerous small lakes are too salt for use. 5. Broken hills covered with brush, scrub, oak, and poplar ; alkaline lakes in sections of 25, 29, 31, 33 and 34 ; southern part brush and prairie. 6. Roll

GUIDE TO MANITOBA

ing land, hilly towards south ; soil good, except on hill spots, when it is gravelly ; well watered by Cypress River, a large creek, and a good spring. 7. Soil in north poor, in centre first-rate black loam, and south is half swamp, but what land there is is good; good supply of water. 8. Assiniboine crosses northern part where land and timber are both good ; balance of township very poor. Western part sand-hills with brush, but no timber ; eastern has considerable oak, and south supplies spruce and tamarac of good size, with a stream convenient for floating it. 10. North-east and south-west sandy and of no value ; remainder fine prairie with fair supply of oak and poplar. 11. Surface hilly and broken, soil poor. 12. Surface hilly, soil second-class ; numerous muskegs ; easterly two-thirds timbered with heavy poplar, birch, and balm of Gilead. 13. Chiefly covered with good timber, except in the marshes, numerous small creeks. 14. Well adapted for agriculture ; the valley of the White Mud River, which crosses the township, is very rich ; and there is a good supply of timber. 15. Mostly light sandy loam. 16. Soil generally poor, and timber only fit for fuel. 17. Land mostly level, soil light sandy loam ; the marshes produce good hay. 18. Very little good farming land ; one-third of township is marsh or hay land, and nearly the whole township being low is flooded by the water from the Riding Mountains. 19. Totally unfit for settlement, except the southern sections. 20. Stony, gravelly, full of marshes, and unfit for settlement.

RANGE 14.—Twenty-one townships. 2. Chiefly rolling prairie, but poorly supplied with wood or water. 3. Soil dark loam, inclining to sandy ; watered by Pembina River, along which there is abundance of oak, elm, poplar and basswood. 4. Surface rolling or broken ; soil good dark loam ; no streams and few ponds or springs, and scarcely any timber. 5. Rough rolling land with plenty of hay swamps ; water nearly all alkaline, and soil gravelly. 6. About one-sixth swamp, balance good rolling prairie, low lands, rich black loam, uplands gravelly. 7. In south-east half, land is good black loam, balance wet swamp ; south-west part dry, level prairie, balance swamp ; about half north-east covered with poor poplar and a good many muskegs ; Assiniboine runs through north-west, on banks of which is good growth of poplar. 8. Mostly sand hills ; Assiniboine flows through eastern part, and the soil in its valley is good, and some sections well timbered. 9. North and south sandy : centre well timbered with pine, tamarac, &c., watered by Pine River. 10. Southern part broken sand hills ; balance fine prairie well watered by Pine River, with fair quality timber. 11. East hilly, and soil sandy ; remainder level with a few small gullies ; soil sandy but good quality ; two small streams in township. 12. About one-third eastern part covered scrub, balance good undulating prairie ; water supply poor. 13 and 14. Inferior soil, swamps and no streams. 15. Nearly all excellent farming land, well watered by White Mud and other streams, along which is found ash, oak, elm, and maple. 16. West of the Beautiful Plain Ridge ; excellent farming land, well watered ; timber easily procurable from Riding Mountains. 17. Western half contains some good farming land ; eastern sections intersected by small gravel ridges ; soil light sandy loam ; a large marsh is formed in centre by two streams from Riding Mountains which supply good water. 18. About one-quarter marsh or hay land ; soil light sandy loam ; well watered but very little timber. 19. Mostly marshes and muskegs, except south-part, which is gravelly and very little fit for farming. 20. Mostly swamp ; soil gravelly ; generally unfit for settlement. 21 and 22. Low and wet, mostly covered by lakes and muskegs, and no good for settlement.

RANGE 15.—Twelve townships. 9. Not fit for settlement ; some fair poplar along Pine Creek. 10. Chiefly sand hills and swamps. 11. North and west, first rate black clay loam ; south-west, worthless for cultivation, but contains some fair timber. 12. Soil in whole township, first class, rich black clay loam ; well watered, but very little timber. 13. Beautiful rolling prairie, with excellent soil, watered by two branches of the White Mud River. 14. Soil generally rich ; well watered by White Mud River ; well wooded with poplar. 15. Sandy loam traversed by sand ridges ; water supply poor. 16. Soil, rich black loam ; township well watered by small streams ; north-westerly portion, at the base of Riding Mountains, is heavily wooded with large maple and poplar. 17, 18 and 19. Mostly part of the Riding Mountains, and better suited for lumbering than agriculture. 20. Sandy loam, with a few gravel ridges ; good water supply, and well wooded with poplar, cotton-wood, spruce, elm and oak.

RANGE 16.—Eight townships. 9. South and west, mostly prairie of inferior quality, with small clumps of poplar, remainder nearly all sand hills. 10. Mostly sand hills, covered with small spruce and poplar. Mink, otter, moose and deer very plentiful. 11. Rolling prairie, with poplar and oak; but soil inferior, and there are no streams. 12. Rolling prairie; first-class soil, with much hay land and some swamps, but no streams. 13. Clear rolling prairie, soil rich loam; no streams, but water easily found in almost any section. 14. Rolling prairie, mostly clear, except west, which is well wooded with small poplar; well watered by the White Mud and its branches. 20. Totally unfit for settlement, being composed of deep ravines, muskegs, and lot wet land; whole township is a forest of birch, elm, poplar, &c. 21. Well wooded with spruce, white birch, elm, oak, &c., much of which is fit for building; several small streams afford good sites for mills.

RANGE 17.—Eight sections. 11 and 12. Rolling prairie, soil good dark loam; good water got at a depth of six or twelve feet. 13. Soil second class; very little water and that bad; not much timber. 14. Not well adapted for settlement; land mostly poor, and water bad. 15. Inferior soil with a good deal of scrub; a belt of good heavy poplar crosses to township. 16. Surface undulating, soil in lowlands good black loam; muskegs frequent; water of the lakes bitter, but good water can be got in the swamps and muskegs by digging about two feet. 17 and 18. Surface rolling and rough; soil middling quality; many muskegs and small lakes, with some live springs.

RANGE 18.—Six townships. 11. Undulating prairie; no running streams, but good in pools in southern part; soil red and gravelly; except in south, when it is black. 12. Broken prairie, hard and gravelly soil; not well watered. 13. Rolling prairie with good soil, covered with hazel, cherry, and dogwood bushes. 14. Surface rolling, soil excellent quality; no streams, but water found from three to ten feet. 15. Well wooded and watered by the Little Saskatchewan. 16. Well adapted for settlement, land throughout being very fertile and well wooded; the Little Saskatchewan flows across south-west and presents some good mill sites.

RANGE 19.—Eight townships. 11. Soil good dark loam; no timber; no surface-water, but good water can be got by digging ten feet. 12. Prairie with some poplar and scrub; soil good loam; swamps numerous but small; Little Saskatchewan crosses north-west. 14 and 15. Undulating surface; good soil; swamps and small alkaline lakes numerous; Little Saskatchewan flows through south, valley about one mile wide. 16. South half, undulating surface, good soil; Little Saskatchewan crosses north; valley swampy and liable to flood. 17. Well timbered with poplars, white birch, grey willow and spruce; soil good loam; Whirlpool River flows through east, affording good mill sites and excellent water. 18. Soil good loam; heavy timbered with poplar, white birch and spruce; Whirlpool River runs through township.

RANGE 20.—Seven townships. 11. Undulating prairie; soil rich dark loam; no timber except along banks of Rapid River. 12. Surface undulating, mostly covered with dense clumps of poplar, hazel and willow; soil dark rich loam; several alkaline ponds and no good water, except the Little Saskatchewan. 13. Undulating prairie, watered by Little Saskatchewan; good soil. 14. Fair township for settlement; surface undulating prairie with good soil; alkaline lakes numerous; but there are some fish-ponds, and water can be had at a few feet depth. 15. Rolling prairie, well watered by small lakes; considerable poplar in south-east corner. 16. Rolling prairie, fairly timbered, but not well watered, except in north, where the Little Saskatchewan flows through. 17. Township all heavily timbered with poplar; soil second quality; surface much broken by small lakes.

RANGE 21.—Eight townships. Surface hilly and broken by valleys of Assineboine and Little Saskatchewan; soil in bottoms rich, but uplands rocky. 12. North and west level prairie; south broken by Little Saskatchewan, which here presents many good mill sites; soil on banks stony, but in north, good, deep loam. 13 and 14. Soil first-class; about one-third each section wooded, balance prairie; well-watered by ponds and springs. 15 and 16. Undulating prairie, gravelly soil; some clumps poplar and willow;

GUIDE TO MANITOBA

swamps numerous but small. 17. One-third undulating prairie; nearly whole of balance well wooded with poplar fit for fuel and building; soil first-class, except on banks of Little Saskatchewan. 18. One-fourth prairie and willow scrub, balance covered with large poplars; soil first-class everywhere; Little Saskatchewan flows through north-west, and township is generally well watered.

RANGE 22.—Eight townships. 11. Prairie, in north broken in deep ravines, in middle flat, in south broken and stony; soil good black loam; well watered; some good elm, oak and ash on Assiniboine. 12. Prairie, broken by ravines; soil good dark loam; water to be had at depth of eight to ten feet. 13 and 14. Excellent soil, well wooded and watered; surface generally rolling; fair supply timber. 15. Principally prairie, with good soil, although gravelly in places; numerous good hay swamps; Oak River traverses township. 16. Undulating prairie; good dark loam; good poplars on shore of Salt Lake; springs of pure water abound on north-east shore of lake. 17. Nearly all rolling prairie and first-class soil, except a few salt and alkaline patches in the south. 18. Half prairie, half woodland; soil everywhere good; timber large and sound; numerous lakes, many of which are brackish, but cattle relish the waters very much.

RANGE 23.—Six townships. 11. Rolling prairie, broken by ravines, in most of which there is good water in ponds; soil dark loam; timber scarce. 12. Partly rolling prairie, partly wood; good soil; water easily obtained by digging. 13, 14 and 15. Undulating prairie with small bluffs of poplar; soil good and water excellent. 16. Surface undulating, principally prairie; soil, black sandy loam; Shoal and Raven Lakes supply good water.

RANGE 24.—Six townships. 11. Two small ridges traverse township from north to south, on which soil is hard and gravelly, but elsewhere of finest quality; no timber; no running water, and all the lakes are salt, but good water can be had at from four to eight feet. 12. Generally rolling prairie, without wood; soil deep, dry loam, excellent for farming. 13, 14, 15 and 16. Soil principally dark clay loam, with occasional gravel hills; several lakes of good water and numerous islands of timber and underwood; these townships are all well adapted for settlement.

RANGE 25.—Five townships. 12. On each bank of the Assiniboine; surface rolling, broken by ravines towards river; some small timber; soil in valley, rich loam, elsewhere slaty with patches of loam. 13. Soil fair; township well watered by Arrowhead and other streams, and suited for settlement. 14. Undulating prairie, with good soil, watered by a creek of good water. 15. Soil dark sandy loam of good quality; considerable quantity of poplar in north; south chiefly prairie. 16. Soil dark sandy loam; surface undulating, principally prairie; but having numerous patches of bush, small swamps and clumps of poplar and high willow.

RANGE 26.—Five townships. 13 and 14. Surface rolling prairie, soil generally good loam; good water scarce; not much timber. 15 and 16. Mostly undulating prairie; soil, excellent quality, sandy loam; islands of inferior poplar numerous. 17. The soil and timber are the same as in the preceding township. There is a lake about three and a half miles long, and half a mile wide, in the middle of the township.

RANGES WEST OF 2ND PRINCIPAL MERIDIAN.

RANGE 25.—Three townships. 46. Soil good, covered with poplar and willow fit for fuel, but timber for building has to be brought from the Saskatchewan. 47. Situated within twelve miles of Prince Albert settlement; soil good; watered by Saskatchewan; timber fit for fuel and fencing. 48. Well adapted for settlement; soil, water and timber all good.

RANGE 26.—Three townships. 45. A broken township, soil good quality covered with

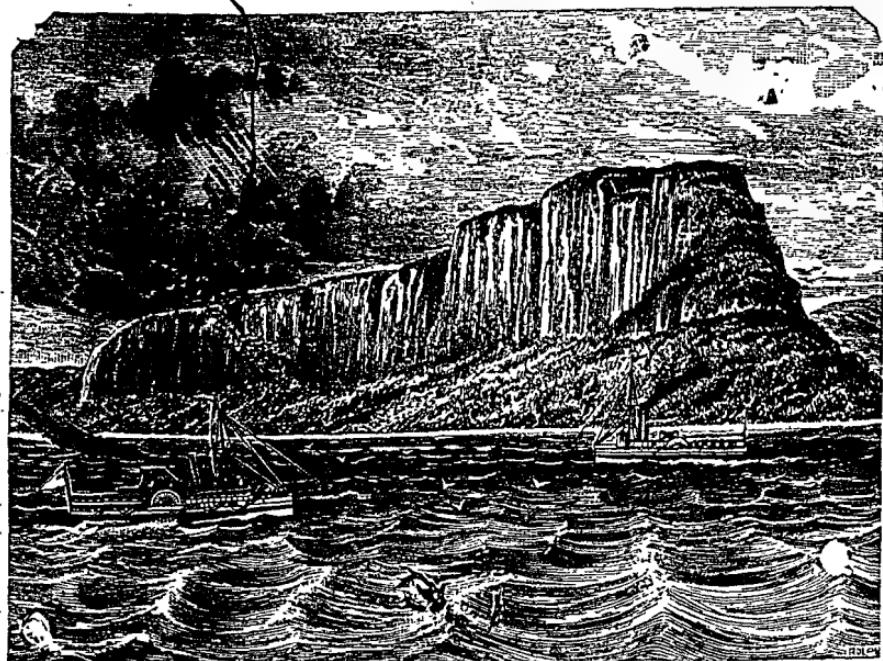
brush. 46. Soil good at connection line and along the Saskatchewan, but running east and west through the township are a number of alkaline ponds, meadows and swamps, covered with young timber. 47. In close proximity to Prince Albert Settlement is a desirable location for settlers; soil and water good, and fair supply of timber for fencing.

RANGE 27. Three townships. 45. Surface broken by ridges and knolls; soil sandy in north and near Saskatchewan, but rich through middle of township from east to west, where there are good fresh water-lakes; plenty of poplar on banks of rivers. 46. Slightly undulating surface, with rich yellow soil; almost every section has meadow lands surrounded with bluffs of young poplar; a good fresh-water creek runs through the north-west sections; lakes are alkaline but not too salt for cattle. 47. Soil good, and good supply of fencing and building timber.

RANGE 28. Two townships. 45. Soil sandy; plenty of fresh-water lakes and good hay meadows; timber scrubby. 46. Soil fair; plenty of fresh lakes, ponds and creeks with excellent hay meadows; timber suited for building.

RANGE WEST OF 3RD PRINCIPAL MERIDIAN.

RANGE 1. Three townships. 45. Soil generally yellow sand covered with a thin layer of vegetable mould; Saskatchewan runs through south-easterly sections, and there the soil is clay covered with about fifteen inches of mould; township well watered with sweet water lakes and creeks; timber principally poplar from five to fifteen inches, but in western sections there is some spruce, tamarac and pine. 46. Soil sandy, but in two easterly tiers of sections it is loam covered with four or five inches of mould producing good crops of cereals and hay; the timber is pitch-pine, poplar and spruce, and is suitable for building; two good streams water north-east and south-west sections. 47. The soil is loam with a good covering of mould in the two easterly tiers where agricultural improvements are met with, but the south-westerly part is dotted with pine-clad sand hills from thirty to sixty feet high; the timber is small willow and spruce, pitch-pine, tamarac and poplar, the latter sixteen inches diameter.



"Collingwood Line" Steamers passing Thunder Cape, Lake Superior.

GUIDE TO MANITOBA



VIEW OF A PROMINENT WINNIPEG HOUSE.

STOBART, EDEN & Co., Importers of British, Foreign and American Dry Goods.

GAZETEER

OF

MANITOBA AND THE N.-W. TERRITORIES.

NOTE.—In attempting anything approaching a Gazetteer in a New Country like Manitoba, where there is a constant stream of emigration, where new settlements are made every day, and new Towns and Villages spring into existence almost as if by magic, we feel that we are undertaking a very difficult task, and one impossible of perfectly satisfactory fulfilment; but we will endeavour to make our information as correct as possible, and trust to future editions to make any additions and amendments which may be necessary.

ALEXANDRA.—Township 2, Range vi. west. A well settled township, south-west of Pembina Mountain, having a post office, general store, &c.

ARGYLE.—Township 14, Range ii. west. The greater part of the township is half-breed reserve, and the balance only partly settled. The nearest post office is Woodlands.

BATTLEFORD, N.-W. T.—Is the Capital of the North-West Territory, and is well situated on the south bank of Battle River, about two hundred feet above the waters, almost at the confluence of that river with the Saskatchewan, which is navigable to this point, and on which the Hudson Bay Company has steamers running. Government House is a fine edifice, and with the offices of the Stipendiary Magistrate and Registrar forms an imposing range of buildings. Battleford is the headquarters of the Mounted Police, is connected with the outer world by telegraph, and boasts the only newspaper at present published in the North-West Territories, the *Saskatchewan Herald*, a very spicy little sheet. There are three Churches, Catholic, Protestant and Presbyterian, and a school; and a population of about four hundred besides the Police. Battleford is already

a place of some commercial importance, and promises to become the leading city of the North-West, should the Canada Pacific Railway be finally located so as to pass through it.

BAILE ST. PAUL.—On the Assiniboine, about thirty miles from Winnipeg, is a very flourishing settlement with a population of over 1,000. The parish was established in 1832, by Rev. George A. Belcomet, and a Roman Catholic church built, which was succeeded four years ago by a very large and handsome structure. The town has several schools, hotels, post-office, stores, &c., and the registry office for Marquette East.

BELMONT.—Township 4, Range vi. west, a thriving settlement with about 100 population, situated south-west of Boyne, which is the nearest post-office.

BERLIN.—Township 14, Range iv. west, population about 100, nearest post-office Ossowo.

BERGFIELD, a Mennonite village in section 7, Township 5, Range 5, East.

BERGTHAL, a Mennonite village in section 24, Township 7, Range 5, East.

BOYNE.—Township 6, Range iv. and v. west, a very flourishing settlement first settled in 1872, has a post-office, store and is growing very rapidly.

BLUMERFELD, a Mennonite village in section 21, Township 6, Range 5, East.

BLUMENGARDT, a Mennonite village in section 35, Township 7, Range 5, East.

BLUMENHOF, a Mennonite village in section 35, Township 7, Range 6, East.

BLUMENORT, a Mennonite village in section 35, Township 7, Range 6, East. Has a steam saw and grist mill. Customs House being built this fall.

BLUMSTEIN, a Mennonite village in section 17, Township 6, Range 5, east.

BRANT.—Township 14, Range i. east, a new settlement rapidly filling up; nearest post office, Rockwood.

BURNSIDE.—Township 12, Range viii. west, between Lake Manitoba and Assiniboine River. Has a post-office, mail semi-weekly, population about 300.

CALEDONIA.—Township 9, Range vii. east. A fine settlement, situated north-east of the parish of Ste. Anne des Chenes, which is the nearest post office.

CHARTITZ, a Mennonite village in section 10, Township 7, Range 5 East.

CLEAR SPRING.—A settlement in Township 7, Range vii. east, comprises about one-fourth of the township, the remainder being part of the Mennonite Reserves.

CLANDEBOYE.—Township 14, Range iv. east, has about 50 population, and a post office.

COOK'S CREEK.—Township 12, Range vi. east, situated north-east of Sunnyside. Is well settled, and has a post office.

DERBY.—Township 13, Range x. west, population about 100. Nearest post-office, Westbourne.

DUCK LAKE, N.-W. T.—This settlement is about twelve miles south-east of Garleton House, 510 miles west of Winnipeg, and is fast becoming a considerable commercial centre. Stobart, Eden & Co., have a large store here, and there is a Catholic church and school, the latter in charge of the Grey Nuns.

DUNDAS.—Township 16, Range ii. east, population about 50; nearest post office, Greenwood.

DUFFERIN.—Township 1, Range ii. east, comprising 1, R. H. east, and the settlements on the river, except West Lynne. Has a Presbyterian Church, several stores, hotel, post office, &c, and is quite a flourishing settlement.

DYNEVOR, formerly St. Peter's, one of the old settled parishes; has a post office, Protestant Church, school, and several stores.

EBENFELD, a Mennonite village in section 5, Township 6, Range 6, east.

EDMONTON, N.-W. T.—A Hudson Bay post, 880 miles west of Winnipeg, has a population of about 200, including English half-breeds and Hudson Bay Company's officials. Is a post of the North-West Mounted Police, and has an hotel, a grist mill owned by the Hudson's Bay Company, a Post Office and three churches, Catholic, Protestant and Methodist. Coal is found near the village, but that further up the river on the right bank is considered to be of superior quality. A large saw and grist mill, with a shingle and lath attachment, was to have been erected this summer.

EMERSON, situated on the east side of Red River, at the boundary line, is a well laid out town, with a population of about 1,500, which is rapidly increasing, and the town promises to be one of the most important in the Province. It is the terminus of the Pembina Branch of the Canada Pacific Railway, and connection is made here with the St. Paul and Pacific Railway. Emerson is one of the most enterprising places in the North-West, has two weekly papers, the *Western Journal* and the *International*, and will, probably, shortly have a daily. It is a port of entry for Manitoba, and is fast becoming an important business centre, having a large number of good stores, several hotels, &c., and will shortly have a branch bank. Has a post office with daily mail, and there is a branch of the Dominion Lands Office here. There are several churches and schools of the Episcopal, Presbyterian and Methodist Episcopal denominations. The town will be incorporated as a city shortly, and the corporation will immediately bridge the river at this point.

FORT CARLETON, N.-W. T.—Is a Hudson's Bay Company post on the North Saskatchewan, 520 miles west of Winnipeg. There is a Post Office here, a good store, and a church. The population of the district is over one thousand.

FORT PITT, N.-W. T.—A Hudson Bay post, 687 miles west of Winnipeg; is the head quarters of the Catholic mission to the Crees; there is a good Church, and an excellent school where the Indian children are taught to read and write their own language.

FORT SASKATCHEWAN, N. W.-T.—This is a French Canadian settlement 886 miles west of Winnipeg; it numbers about one hundred and fifty souls; and has two stores, a Catholic Church, and a Post Office. Soil is fertile and the coal found in the neighbourhood is even better than that found at Edmonton.

FORT VERMILLION, N. W.-T.—A Hudson Bay post on the Peace River, over 600 miles north of Winnipeg. Cereals grow here to great perfection. In the garden of the offices of the Fort last year, 18 bushels of wheat were taken from half an acre, and there were excellent crops of barley, potatoes, turnips, beets, onions, carrots, parsnips and cabbage. Many of the potatoes weighed over 2 lbs.

FRANKLIN.—Township 2, Range iii. east, on the east side of Red River, is a partially settled township, having about 100 population.

FRIEDRICHSTHAL, a Mennonite village in section 5, Township 6, Range 5, east.

GLADSTONE.—Township 14, Range xi. west, at the crossing of White Mud River. Population about 500. The township is well laid out, and the place growing rapidly; has a Protestant Church and school; grist and saw mills, hotels, stores, post office, &c., and promises to become one of the most important towns in the Province.

GRASSMERE.—Township 13, Range i. east, is a well settled township, with a population of about 200. The nearest post office is Rockwood.

GREENWOOD.—Township 15, Range ii. east, is a flourishing settlement north of Rockwood; has a post office, store, &c., and a population of about 400.

GRINFELD, a Mennonite village in Section 32, Township 6, Range 5 east.

GANTHAL, a Mennonite village in Section 32, Township 5, Range 5 east.

GROSWEIDE, a Mennonite village in Section 1, Township 7, Range iv. east.

GUADENFELD, a Mennonite village in Section 19, Township 5, Range v. east.

HEADLINGLY, one of the most flourishing settlements on the Assiniboine, 13 miles from Winnipeg, with a population of over 1,000; has a Protestant and a Presbyterian Church, and several good schools, with a good hotel, several stores and a post-office.

HIGH BLUFF, situated on the Assiniboine River, about 50 miles from Winnipeg; is an old settlement, with a population of about 500; there is a post-office, several mills, stores, &c., a Protestant Church and a Presbyterian Church.

HOCHFIELD, a Mennonite village in Section 30, Township 7, Range vi. east.

HOCHSTADT, a Mennonite village in Section 3, Township 6, Range v. east.

HUDSON.—Township 1, Range xxi. east, situated east of Emerson, is a small settlement on the boundary line.

KRONSTHAL, a Mennonite village in Section 40, Township 7, Range iv. east.

KILDONAN.—On the west bank of the Red River, five miles from Winnipeg, is the oldest English parish in the Province, having been first settled by the Earl of Selkirk's colonists, in 1814, and named after their old parish in Scotland. Population about 500. The town is a flourishing one, has a post office, several churches, stores, literary and other societies, and an excellent school. The municipality of the parishes of Kildonan and St. John was organized in 1876.

LETELLIER.—Township 2, Range i. east, a well-settled township, situated west of Rivière aux Marais, near Red River, is chiefly occupied by French Canadians who have returned from the United States under the direction of the Manitoba Colonization Society. Has a Roman Catholic church and a post office.

LIVINGSTON.—Township 14, Range xii. west, on the west of Gladstone, from which it receives its mail; population about 100.

MELLWOOD.—Township 3, Range xxi. east, a partially settled township north of Rivière au Rosseau.

MEADON LEA.—Township 13, range ii. west, a well settled township north of Baie St. Paul and west of Grassmere. The nearest post office is Woodlands.

MELBOURNE.—Township 14, Range v. west; population about 200; nearest post office, Poplar Point.

MENNONTIE SETTLEMENTS, Pembina Mountain.—The first settlement of Mennonties in the Pembina Mountain Reserve, took place in July, 1870, when about 300 families arrived. At the present time there are thirty-four villages, with populations of from 70 to 200 each, making a total of about seven hundred families, or over four thousand souls. The only church in the reserve is in their land, and there is no post office, the mail being taken from Emerson. There is a school in every village, and also a grocer, blacksmith, shoemaker, carpenter, and saddler. There are several grist and saw mills; and the people, who are nearly all farmers, are well supplied with farm stock and implements. There are settlements also at that river and Scratching River.

MILLS.—Township 2, Range viii. west, a new township, partly settled. Alexandra is nearest post office.

MILLBROOK.—Township 10, range vi. east. Population about 100. Is northeast of Prairie Grove, which is the nearest post office.

MORRIS.—A thriving town on the Red River at the mouth of Scratching River, 24 miles north of the boundary, and 36 from

GUIDE TO MANITOBA

Winnipeg; the town plot was laid out in 1877, and there is now a population of nearly 500; there are four churches, Methodist, Methodist Episcopal, Presbyterian and Church of England, and a school. Morris boasts a good hotel, a grist and saw mill, two brickyards, two large grain warehouses and several stores. It is the centre of a fine agricultural country, which is being rapidly settled, and promises at no distant date to become a large town. A wise provision against the town site falling into the hands of speculators has been made by requiring each purchaser to build a house or store within a given time, or forfeit his payment on the property.

NIVERVILLE.—The town of Niverville, situated on the Canada Pacific Railway branch, 20 miles south of the City of Winnipeg, and 40 miles north of the town of Emerson, is to the east supported by the flourishing Mennonite Reserve in which are 360 families residing. These settlers all pursue farming, and had, in the year 1878, 9,416 acres of land under cultivation, which that year produced 196,090 bushels of grain. Adjoining this settlement to the east, are thriving settlements of Clear Springs and Pointe de Chene, with an aggregate area of 3,600 acres of land under cultivation. To the west, Niverville borders on the fine lands in the Half-Breed Reserve, and those in the Red River Belt, which have all now come into market. Niverville is also the nearest railway point to Red River, between Emerson and St. Boniface, also the nearest railway outlet to that flourishing Canadian settlement west of Red River. Niverville had its first building started in the month of April, 1879—and within three months after had one general store, one hotel, two dwelling houses and a large grain elevator, with a capacity of 30,000 bushels, erected. That Niverville will be one of the most important stations on the C. P. R. R. is, under existing circumstances, a settled fact, and offers an unrivalled opportunity to business men and capitalists. Niverville has a daily mail and a telegraph office.

NOTRE DAME DE LORETTE.—This parish is situated on the River Seine, between the parishes of St. Boniface and Ste. Anne des Chenes, and was first settled in 1860. It has a large Roman Catholic Church, two schools, and several stores. The post office is Lorette.

OAKLAND.—Township 13, Range vii. west, second township north of Portage la Prairie; population about 200; has a hotel, general store and post office.

OSTERWICK, a Mennonite village in Section 25, Township 7, Range iv. east.

OSSOWO.—Township 13, Range iv. west, north of Baie St. Paul and Poplar Point; was reserved for German settlers by the German Society, Montreal, but they failing to send in settlers, the township was reopened for settlement, and has filled up rapidly. There is a post office, stores, &c.

PARRY.—Township 2, range 1 east. A partially settled township which originally formed part of the Manitoba Colonization Society's Reserve, but was abandoned.

PIGEON LAKE.—See St. Francois Xavier.

PLYMTON.—Township 10, range v. east. Population about 200. Is south of Sunnyside, and north-east of Prairie Grove, which is the nearest post office.

POSTWALL, a Mennonite village in Section 9, Township 7, Range iv. east.

POPLAR HEIGHTS.—Township 13, Range 111 west, north of Baie St. Paul; a fine township, but suffering from a large portion of the land being held by speculators. Nearest post office, Baie St. Paul.

POPLAR POINT.—On the Assiniboine, at the junction of the Portage and Lake Manitoba roads, about 45 miles from Winnipeg; is a flourishing settlement with about 400 population. It has a post office, hotel, stores, &c.

PORTAGE LA PRAIRIE.—The county town of Marquette west, is the most important place in Western Manitoba, and is fast becoming a large and flourishing town. It is the seat of the County Court and Registry Office for Marquette west, and is connected with Winnipeg, distant 60 miles by stage. Population about 1,000. It has three churches, Protestant, Presbyterian and Wesleyan Methodist, several hotels, stores, mills, &c.; mail daily.

POINT DE CHENE.—A village in the parish of Ste. Anne des Chenes, is quite a thriving place, having a Roman Catholic Church, two common schools; a post office, store, hotel and two grist mills.

REINFELD, a Mennonite village in Section 30, Township 6, Range v. east. Has a large grist mill, and the only church in the Mennonite reserve at Pembina mountain.

RIDGEWAY.—Township 15, range i. east. Population about 100. Greenwood is the nearest post office.

RIVER SALE.—Township 8, Range 1 east and west, is the third township south of Headingley, and is only partly settled; population about 100; nearest post office, Headingley.

RIVIERE AUX GRATIAS.—A thriving set-

tlement on Red River above the Parish of St. Agathe, of which Morris is the town.

RIVIERE AUX MÂRAIS, township 2, Range 11 east.—Is a small township included in the Manitoba Colonization Society's Reserve, and is all taken up by returned French Canadians from the United States.

ROSENHOF.—A Mennonite village in the Scratching River settlement, four miles from Morris.

ROSENFELD.—A Mennonite village in Section 20, Township 6, Range v. east.

ROSENGAIT.—A Mennonite village in Section 13, Township 6, Range v. east.

ROSENTHAL.—A Mennonite village in Section 12, Township 7, Range v. east.

ROSENORT.—A Mennonite village in the Scratching River settlement, six miles from Morris. Has a flour mill.

ROCKWOOD.—Township 13, range ii. east; situated twelve miles north of Winnipeg, is one of the most flourishing townships in the Province, having a population of about 500, and being well supplied with churches, schools, hotels, stores, &c.

SCHAONAN.—A Mennonite village in Section 19, Township 6, Range v. east.

SCHONBERG.—A Mennonite village in Section 1, Township 6, Range v. east.

SCHONFIELD.—A Mennonite village in Section 23, Township 6, Range v. east.

SCHONSEE.—A Mennonite village in Section 34, Township 5, Range v. east.

SCHONTHAL.—A Mennonite village in Section 21, Township 7, Range v. east.

SCHONWIESE.—A Mennonite village in Section 9, Township 7, Range v. east.

SCHONWIESE.—A Mennonite Village in Section 27, Township 6, Rang v. east.

SELKIRK.—A flourishing town 24 miles from Winnipeg, the present terminus of the Canada Pacific Railway, promises to become the future rival of Winnipeg. It has some fine buildings, is well laid out, and boasts some excellent hotels and stores, as well as a weekly newspaper, the *Inter-ocean*. Two lines of steamers run daily to Winnipeg; and the completion of the Pembina branch to this point, and extension of the main line of the Canada Pacific eastward to Rat Portage, make Selkirk an important point.

SPRINGFIELD.—Township 11, Range iv. east, was first settled in 1872, and was erected a municipality in 1873 in conjunction with Sunnyside, the adjoining township; population about 500. Has a post office, store, &c.

STONEWALL.—A thriving settlement twenty miles west of Selkirk, and six north-west of the Provincial Penitentiary

was settled in the fall of 1877, and already possesses an hotel, a school, a Methodist and a Baptist Church, a flour and grist mill, blacksmith shop and carpentry, two general stores and a Post office. The surrounding country is good for either agriculture or grazing, is well supplied with water, and the settlement is growing rapidly.

STEINBACH.—A Mennonite village in Section 35, Township 6, Range vi. east.

STEINREICH.—A Mennonite village in Section 15, Township 6, Range v. east.

SUNNYSIDE—Township 11, Range v. east, a flourishing township, with about 500 population. Was erected, with Springfield, the municipality of the united township of Springfield and Sunnyside, in 1873, this being the first municipal organization in the Province. Springfield is the nearest post office.

ST. AGATHE.—A village in the parish of the same name. Has a Roman Catholic Church and school house, and post office with daily mail.

ST. AGATHE, the first and largest of the river parishes, contains the town of Emerson, villages of St. Agathe, West Lynne, &c., and has a population of over 2,000.

ST. ANNE DES CHENES.—A parish on the River Seine, was founded in 1862, by Rev. Father Lefloch, O. M. I., and has a population of about 500.

ST. ALBERT, N. W. T.—A Roman Catholic mission station on the high road, nine miles west of Edmonton, N. W. T., and 890 miles from Winnipeg. It has a population of over 700, nearly all French and Half-breeds. The land in the vicinity is excellent, and over 25,000 bushels of wheat was threshed out this year. There is a handsome Church; a fine palace for Bishop Grandin; a public school; a convent in charge of the Grey Nuns, and a Grist and Saw mill. St. Albert boasts a bridge over the Sturgeon River, which is claimed as one of the best constructed in the north-west.

ST. ANDREW'S parish, sixteen miles north of Winnipeg, is one of the early Scotch settlements, and has a population of about 1,500. It is well supplied with stores, shops, mills, hotels, &c., and is the seat of the Registry Office and County Court of the County of Lisgar. There are four post offices in the parish.

ST. BONIFACE.—A large and flourishing town at the confluence of the Red and Assiniboine rivers, opposite the City of Winnipeg, has a population of about one thousand, and is rapidly growing in importance.

GUIDE TO MANITOBA

The parish was founded in 1818 by the Rev. J. N. Provencher, who was sent from Quebec, at the request of the Earl of Selkirk, to establish a mission at Red River. The first chapel was built in 1819, and a large stone cathedral in 1833. This was destroyed by fire in 1860, and the present edifice erected in 1862 by His Grace Archbishop Taché. St. Boniface is the Metropolitan See of the Roman Catholic Ecclesiastical Province of St. Boniface, and has a college, a ladies' boarding school, a large hospital and an orphan asylum, the three last being under the Sisters of Charity. The town is well laid out with straight, wide streets, and contains some handsome buildings, several mills, good hotels, stores, &c. It is the present terminus of the Pembina Branch of the Canada Pacific Railway, and is connected with Winnipeg by ferry. The connection will, however, shortly be by a bridge over the Red River, across which the railway will run to connect with the continuation of the Pacific Railway west of Winnipeg. St. Boniface boasts the first organ that was ever used in the North-West, a fine instrument, having been presented to the Cathedral in 1875. *Le Metis*, the organ of the French population in Manitoba, is printed here.

St. CLEMENTS' parish, twenty-two miles from Winnipeg, is one of the early Scotch settlements, and has a population of about 1,000; it is well supplied with churches, school, stores, mills, post-office.

St. CHARLES.—A parish on the Assiniboine, nine miles from Winnipeg; was founded in 1854 by Rev. Father Lefèvre, now Bishop of Three Rivers; has a population of about 600, a Roman Catholic Church, schools, stores, and a post office.

St. FRANCOIS XAVIER.—A parish on the Assiniboine, about 25 miles from Winnipeg, containing a population of about 2,000. The parish was established in 1824 by Rev. Father Boucher, and has a fine Catholic Church, several good schools, and the convent of St. Francois Xavier. There are a number of hotels and stores, and two post offices, one in the western portion of the parish known as Pigeon Lake, the other in the east known as St. Francois Xavier. This place is commonly called "White Horse Plain," and is the seat of the County Court for Marquette East.

St. GEORGE (Oak Point).—A parish in the Township of Belcourt, Electoral Division No. 1, about sixty miles from Winnipeg. Population about one hundred. Has a general store and Post Office, named Oak Point.

St. JAMES' Parish on the Assiniboine three miles from Winnipeg, is one of the finest localities in the Province, and several Winnipeg merchants have fine residences here; population about 700. The parish was established in 1857 by the Rev. W. H. Taylor, and has a fine Protestant Church, a school, post office, and several stores, a grist and saw mill, and a brewery.

St. JEAN BAPTISTE.—An extensive settlement on Red River, has a Roman Catholic church, and post office.

St. JOHN'S parish is situated on the north limits of the City of Winnipeg, and was established in 1820, by the Rev. J. West, Chaplain to the Hudson's Bay Company, who caused a school-house to be erected here, and commenced educating a few children, the building being also used as a church. The school commenced by Mr. West nearly sixty years ago has gradually grown into the present St. John's College, with the St. John's College School, and St. John's College ladies' school in connection with it. The college school has accommodation for sixty, and the ladies' school for thirty pupils. St. John's Cathedral is a fine building, and is the see of the Bishop of Rupert's Land.

St. LAURENT.—A small parish in Electoral Division No. 1, situate in Simonet Township on Lake Manitoba, about 50 miles from Winnipeg, was established by Rev. Father Gascon O.M.I. in 1858. Population about four hundred. It has a large Roman Catholic Church, a good general post office and a school.

St. NORBERT—Parish established in 1856 by Rev. Father Lestang, O M I ; has two Roman Catholic Churches, a girls' school, under direction of the Sisters of Charity, and several common schools.

St. NORBERT Village, at the mouth of River Salle, on the west side of Red River, is the seat of the County Court and Registry office for the County of Provencher, and quite a thriving place, having a steam, grist and saw mill, shops, post office, &c.

St. PAUL'S parish, on the Red River, north of Kildonan, was settled about the same time as the latter by the Earl of Selkirk Colonists; it has now a population of about 600, several good stores, a post office at Middlechurch, and a Protestant Church Distance from Winnipeg, eight miles.

St. PIERRE.—Township's 5 and 6, Range iv. east, a large settlement on Rat River.

St. VIDAL.—Parish on the Red River, south of St. Boniface, was established in 1860. Has a Roman Catholic Church and a school, under the direction of the Sisters

of Charity. Has a post office, and population of about 300.

TANNEAN.—A Mennonite village in Section 4, Township 7, Range v, east.

TOVOGAN.—Township 14, Range ix, west, on west of Lake Manitoba; population about 100. The township is laid out and a number of buildings being erected; has a post office and general store.

Two LITTLE POINTS.—A settlement on Red River, north of St. Jean Baptiste.

VICTORIA.—Township 14, Range ii, east, is a large and prosperous settlement, having a post office, hotel and store.

VICTORIA, N.-W. T. is a Methodist Mission on the Saskatchewan, about 800 miles west of Winnipeg. It has a population of about one hundred, and boasts a fine church and a good school. The land is very fertile and there is plenty of good wood and water.

WEST LYNNE, on the west side of Red River, adjacent to the boundary line, was formerly known as Pembina, and was the outport of Customs for the Province; but since the completion of the Pembina Branch of the C. P. R. to Emerson, on the opposite bank of Red River, West Lynne has declined in importance. The location, however, is a fine one; and no doubt a large and thriving town will soon spring up. There is a Hudson Bay Post here and lots are offered at reasonable prices on condition of building upon them within six or eight months. A number of warehouses are already projected for the Spring, and the Hudson Bay Co. will add to their buildings. The river will be bridged here shortly.

WESTBOURNE.—In township 13, range ix, west, is a thriving settlement on the White Mud River, with a population of about 300; it has a post office, hotel, blacksmith shop and general store, and is the station of the Dominion Land Agent for the Westbourne district; there is a Protestant Church and a school.

WHITE HORSE PLAINS.—See St. Francois Xavier.

WHITEWOLD.—Township 17, Range iv, east, a new settlement being rapidly filled up.

WOODSIDE.—Township 14, Range x, west situated at the second crossing of the White Mud River; population about 100; post office, with semi-weekly mail.

WOODLANDS.—Township 14, Range ii, west, a fine township, well settled; population about 400. Has a post office and general store.

WINNIPEG, the capital of Manitoba, and the commercial and political centre of the

North West, is a city whose rapid growth is one of the most substantial proofs of the increasing development of Manitoba and the North-West generally. When the territory was transferred from the Hudson's Bay Company to the Dominion Government, in 1870, the population of Winnipeg was scarcely 700, it had but one street, there were no buildings of any size, except those of the Hudson's Bay Company, and its trade was next to nothing; to-day it is a well laid out handsome city, with good wide streets lined with brick and stone buildings which would do no discredit to any city in Canada or the United States, and has a population of 11,000, while its trade has so increased that it carries off the palm of being the briskest city in the Dominion, doing more business in proportion to its size than any other. Situated at the confluence of the Red and Assiniboine Rivers, the site early attracted the attention of the Hudson's Bay Company as a favourable one for the establishment of a trading post for their transactions with the Indians, and, accordingly they built Fort Garry, around which in course of time a small settlement grew up which was called Winnipeg, and which has grown in the last seven years from a mere hamlet to the proportions of a fine city. It was incorporated in 1873 and divided into four wards, in each of which there is a school. There are three branch banks here, as well as a branch of the Government Savings Bank, and Post Office Savings Bank. The city is well supplied with hotels, and a new one to cost \$100,000 is now in course of erection. The city is well supplied with churches, Catholic, Protestant, Presbyterian, Methodist, Baptist and other denominations; while the higher order of education is amply provided for by the Manitoba College, under the auspices of the Presbyterian Church; St. Boniface College, under the auspices of the Roman Catholic Church, and St. John's College, under the auspices of the Church of England; there is also a Young Men's Christian Association. The city boasts of an excellent Fire Brigade and two steam fire engines; and it is expected that it will shortly be lighted with gas and possess water-works, the present supply being derived from tanks and wells. There are a number of National Societies; Orange, Odd Fellow and Masonic Lodges; an Agricultural Association; a Rifle Association and an excellent Club, the Manitoba. The press is represented by the *Times*, morning daily, and the *Free Press* and *Tribune*, afternoon daily; and *Nor' West New Era*,

weekly. The determination of the Dominion Government to continue the main line of the Canada Pacific Railway along the fourth base line westward from Winnipeg, the bridging of the Red River at Winnipeg, together with the building of the Southern Colonization Railway from Winnipeg to Rock Lake, cannot fail to give an immense impetus to the growth of the city; and we may fairly expect that in the course of a few years the Winnipeg of the future will as far surpass that of the present, as the Winnipeg of the present does that of the past.

RAPID CITY, 140 miles west of Winnipeg, at the point where the Canada Pacific Railroad is expected to cross the Little Saskatchewan River, is a place of great promise. There are excellent water powers on the river, and all the lumber needed can be floated down the stream and cut at the Rapids. The country for many miles around is of the best possible soil, and as there are few good mill streams within fifty miles, a large proportion of the grain

must go to this point to be ground. Besides all these advantages it has the handsomest site of any place in the North-west. Railroad will reach within 30 miles in 1881. A weekly newspaper, the Rapid City Enterprise, has been established. Settlements are rapidly filling up in the vicinity of Rapid City.

SHOAL LAKE, N. W. T.—Is a new town just surveyed at the mouth of the lake of that name, fronting on Oak River, which runs between Shoal Lake and Pioneer Lake. The owners are wealthy men who will spare no efforts for its advancement. A store, a gristmill, a Temperance Hotel, and a Church, will be built during next season. The surrounding district "has an excellent soil," well settled last summer by good settlers from Ontario. Therefore Shoal Lake presents good openings for provision dealers, grocers, dry goods men, boarding-house keepers, a saw-miller, blacksmiths, shoemakers, and last though not least, a missionary, or settled minister of the gospel.

General Meteorological Means and Phenomena,

For Three Years, at Winnipeg, Manitoba—By JAMES STEWART, Signal Observer.

PHENOMENA.	1874.	1875.	1876.
Mean yearly temperature.....	32.88	29.63	31.34
Highest temperature	94.5	94.3	95.0
Lowest temperature.....	-38.7	-41.6	-43.0
Mean barometric pressure.....	29.1451	29.1474	29.3391
Mean elasticity of aqueous vapour.....	.222	.219	.230
Mean humidity of the air.....	.82	.84	.94
Total amount of rain in inches.....	14.99	12.29	22.95
Total amount of snow	36.17	47.11	74.21
Total amount of rain and melted snow.....	18.32	16.85	29.18
Red River cleared of ice.....	April 30th Nov. 11th	April 29th Nov. 4th	April 24th Nov. 13th
Red River frozen over.....			

EXTRACTS FROM REPORTS

OF

BRITISH TENANT FARMERS' DELEGATES,
 ON
 MANITOBA AND THE NORTH-WEST,
 AS A FIELD FOR SETTLEMENT.

In the second edition of this work, we append extracts from the speeches and reports of the British Tenant Farmers' Delegates on the Dominion of Canada, which refer to Manitoba and the North-West. These extracts are taken from a pamphlet published by authority of the Department of Agriculture of the Government of Canada. Our space being limited, we republish only a few brief paragraphs from a few of Delegates' reports which are most forcible, but we would advise those who desire more detailed information to apply to a government agent for a copy of these reports. The following is taken from the INTRODUCTORY :—

"The Hon. J. H. POPE, the Minister of Agriculture of the Government of Canada, caused a number of Delegates representing Tenant Farmers in the United Kingdom to visit the Dominion in the autumn of 1879, for the purposes of examining its resources, and reporting on its suitability as a field for settlement.

In accordance with such invitation, the following Delegates visited Canada :—Mr. BIGGAR, The Grange, Dalbeattie, Kircudbrightshire ; Mr. COWAN, Mains of Park, Glenluce, Wigtownshire ; Mr. GORDON, Comlongan Mains, Annan, Dumfriesshire ; Mr. ELLIOTT, Hollybush, Galashiels ; Mr. LOGAN, Legerwood, Earlston, Berwickshire ; Mr. SNOW, Pirntaton, Fountain Hall, Midlothian ; Mr. HUTCHINSON, Brougham Castle, Penrith, Cumberland ; Mr. PEAT, Lees House, Siloth, Cumberland ; Mr. IRVING, Bowness-on-Solway, Carlisle ; Mr. JOHNSTONE, Low Burnthwaite, near Carlisle ; Mr. WILKEN, Waterside of Forbes, Aberdeenshire ; Mr. BRUCE, Aberdeenshire ; Mr. WALLACE, Nithsdale ; Mr. WELSH, Eskdale.

These gentlemen were, in the first place, clearly informed it was of all things desired that their own judgment should be freely exercised and entirely unfettered ; and that it was simply desired to obtain from them the results of their own personal observations, as well with respect to drawbacks as advantages, to shade as well as brightness. But it may be added that even this injunction was unnecessary for men of the character of those who were sent to Canada, and their constituents do not require to be informed of it.

The motive for thus inviting Delegates and affording them facilities to see every part and Province of the Dominion, in so far as practicable within the limit of time at their disposal, was to obtain testimony as respects the objects stated, which should not be open to the kind of question that might attach to any statements whatever coming from Canada, no matter on what authority they might be made.

It may be generally stated that those who went to Manitoba and contiguous parts of the adjoining territory, found the land to be of extraordinary richness, and specially adapted to the growth of wheat ; while in the older Provinces of the Dominion they found the conditions of mixed farming very much the same as in the United Kingdom. One of the Delegates, Mr. Elliott, stated that, in the parts of the Dominion he visited, he did not find that cattle required to be housed longer than in Scotland.

"Several of the Delegates refer to the question why farms may be bought in the older Provinces, and why the land is so cheap. In so far as respects price, in the last-

named portion of the Dominion, it is to be observed that the value of occupied land in the older parts of a new country like Canada, must necessarily, to a great extent, be governed—first, by the cost of clearing new forest land in the wooded parts; and, second, by the facility with which Prairie land can be obtained free, to the extent of 160 acres, on the simple condition of continuous settlement for three years. It must be plain to all men that the fact of vast areas being open to settlement on such conditions will largely affect prices of occupied land a few hundred miles distant, to which there is connection both by water and rail.

"A fact to be remarked is, that the farmer who migrates from the British Islands to any part of Canada does not change his flag; nor does he, except to very slight degree, change his mode of life or his companionship. He goes among his own people, to conditions of life and society, the same as those he leaves behind. He is not obliged to swear—before he can exercise the rights of citizenship, or in some States hold land—that he 'renounces for ever all allegiance and fidelity' to his Sovereign and the land of his birth.

"The farmer who migrates from these Islands, moreover, has the satisfaction of feeling that he is assisting to build up a great British Empire, having for its seat the northern half of the Continent of North America, occupying a space as large as the whole of Europe, and containing agricultural, mineral and commercial resources, to be developed in the immediate future, of almost illimitable extent; and as the reports of the Delegates will show, certainly beyond popular conception in this country.

"The public lands of Manitoba, Keewatin, and the North-West Territory, are in the hands of the Dominion Government; and those of the older Provinces, in the hands of the Provincial Governments. The regulations, as respects the Dominion lands, stating the conditions on which homesteads are given to settlers, and the prices at which other lands are sold, including the Railway lands, are advertised in this publication. Any further particulars on any point may be obtained by correspondence with Government Agents, a list of whom is included in this work.

MONEY.

Sterling into Dollars and Cents.

	\$ cts.
½d. Sterling is	0 01
1d. " "	0 02
1s. " "	0 24
£1 " "	4 87

Dollars and Cents into Sterling.

	£ s. d.
3 cent is	0 0 1½
1 dollar is.....	0 4 1½
4 " "	0 16 5½
5 " "	1 0 6½

For small change the halfpenny sterling is one cent, and the penny sterling is two cents. For arriving roughly at the approximate value of larger figures, the pound sterling may be counted at five dollars. The sign (\$) is used to indicate the dollar.

Extracts from the Report of Mr. James Biggar, Delegate from the Stewartry of Kirkcudbright, referring to the New Canadian North-West.

"Winnipeg (formerly Fort Garry) is situated at the confluence of the Assiniboine and Red Rivers, both of which are navigable by steamers for many hundred miles, and is increasing very rapidly in importance. For some years prior to 1871, the population was stationary at about 400, it is now stated to contain 12,000 inhabitants, though it did not look to us like a city of more than 10,000. In order to see as much of Manitoba as possible, our party divided, part going west as far as Rapid City, on the Little Saskatchewan. I only went as far west as Portage-la-Prairie, 65 miles, and afterwards went to the district on Tobacco Creek, at the foot of the Pembina mountain, about 90 miles south-west of Winnipeg. The first journey took nearly four days, the latter five. We travelled in spring waggons, holding four persons and

some baggage, drawn by a pair of horses, costing us about 24s. a-day. The road from Winnipeg to Portage-la-Prairie is about equal to a fair peat road, and innocent of Macadam. The larger creeks are bridged over, and some of the smaller filled with bundles of willows, which make them fairly passable. The road is the great highway of the North-West, and is traversed daily by trains of Red River carts carrying goods to the North-West, and bringing back furs and other produce. These carts are constructed entirely of wood, and drawn by oxen or ponies. They carry a load of 800 to 1,000 lbs., and some go 1,000 miles to the foot of the Rocky Mountains. The trail frequently shifts 50 to 100 yards to avoid places which become bad; and in the rainy season, June, the roads are very heavy, and no travelling is done which can be avoided. In some places a corduroy road has been made and covered with earth from the ditches on each side, but as a rule there has been little attempt at road-making, the trail winding over the open prairie or through clumps of willow and scrub oaks. Near Winnipeg we passed some good farms of dry land belonging to Mr. D. A. Smith, the Hon. James McKay, and others. Mr. McKay has a small herd of tame buffaloes and some buffalo crosses. There are a good many half-bred settlers on the banks of this river, their claims being very narrow, but extending back from two to four miles. We stayed all night at an inn at Pigeon Creek. Part of the district beyond this is low and marshy, but at Poplar Point we find good dry land, thickly settled; and at High Bluff, some 6 or 8 miles from the Portage, is some of the most desirable land we saw in North-West. It was rich, dry soil, settled and fenced. The crop was stacked in the fields, and on some farms thrashing was going on. We called on some farmers from Ontario, who settled here some years ago and are doing well. The stubble was clean and strong, and we took samples of the wheat, which was very good. We heard very different statements of the yield of wheat, varying from 25 to 40 bushels. M'Lean, a farmer near Portage, had 1,230 bushels Fife wheat off 40 acres. Another man, a native of Ross-shire, who was ploughing his own land, told us that he had cropped it for 17 years in succession, his last crop yielding 35 bushels per acre. Mr. Ryan, M.P., a good authority, said the average of wheat might safely be taken at 25 to 30 bushels, 60 lbs., and of oats at 60 bushels, 34 to 38 lbs. We also saw an Ontario farmer, who came here some years ago and bought 500 acres of land at \$10 per acre. He had 300 acres of arable and 200 under timber, the latter being probably the most valuable portion. There is a saw mill at the Portage, the timber being floated down the Assiniboine, a distance of 300 miles. The price of wheat at the time of our visit was 55 cents at the Portage, and 65 at Winnipeg, but it soon after advanced 10 cents to 15 cents. The rate of freight to Montreal is about 34 cents per bushel, but as soon as the railway is opened to Thunder Bay, which is expected in less than two years, the rate will not exceed 25 cents; and is put by some as low as 17 cents per bushel. As a field for wheat-raising, I would much prefer Manitoba to Dakota.

"The first cost of land is less; the soil is deeper and will stand more cropping; the sample of wheat is better, and the produce 5 to 10 bushels per acre more, all of which is profit; and as soon as the new railway is opened, the cost of delivering it at the seaboard will be the same or less. With regard to the competition of this western wheat in our market, wheat sold at 70 cents in Manitoba leaves a good profit to the grower, and will cost, delivered in England, about 4s. 6d. per bushel, a price which does not pay the England farmers. It is evident, however, that this western grain is affecting the Eastern States of America, quite as much as this country. The average crop of the United States is surprisingly low, the returns for a good many States being as low as 12 to 14 bushels per acre; this evidently does not pay the grower, and many are therefore giving up wheat, and going in more for other branches of farming. Much of the wheat-producing land in the east being thus, for a time at least, exhausted, supplies will have to come from the virgin soils of the west, and as these are rapidly undergoing the same process, the farmers of the United States will, before very many years, be very much on a level with the farmers of this country. The virgin soils of Canada are, however, much more extensive, and will probably be able to send us wheat when the United States have ceased to be an exporting country. In returning to Winnipeg, we made a detour of some miles to the north of High Bluff, and found it all good, dry prairie, pretty well settled. Returning to the main road, night came on, and we travelled at a walk for two weary hours before reaching our halting place. We passed the tents and

fires of many of the cart trains encamped for the night, and could hear the bells on their horses and their cattle feeding around, though we could not see them in the darkness. We had some difficulty in keeping the track; and in crossing some of the sleughs or ditches, had to light matches and show the way over the willow bridges. We were heartily glad to reach the first inn. Next day we met many emigrants going west, and conversed with several. One, a native of Lanarkshire, had first heard of the fertility of Manitoba from an old Hudson's Bay man, in Glasgow 30 years ago. He had been over most of the United States as a mechanic, and was going to land he had taken up, 20 miles west of the Portage. We also met Mr. John Henry, a brother of Mr. Henry, Bogfoot, in the Stewarty, going west with his family. He had sold his Ontario farm of 200 at 47 dollars per acre, and taken up 320 acres of land for himself, and the same for each of his five sons, on the Government terms—in whole, 1,920 acres of fine land, 8 miles west of Rapid City; and was highly pleased with his prospects."

Winnipeg is the best place to buy waggons, cattle, implements, &c.; but settlers should take advantage of the competition in trade which exists. We found that some settlers had paid considerably more than they should have done for some of their waggons, &c. It is a great mistake for emigrants to take heavy or bulky articles with them—the carriage costs more than they are worth.

Next day we started for the Pembina district. Crossing the Assiniboine our road lay for 40 miles south along the bank of the Red River. We emerge on open prairie, most of the river lots being settled and under cultivation. This continued, with intervals of unbroken prairie, all the way to Morris, which we reached at dusk. The prairie west of the road was mostly unbroken, and had been swept by fire. We saw a good many stacks of prairie hay and some cattle. Prairie grouse were pretty numerous, and we shot 25 brace on this journey. The land at Morris is hardly so heavy as nearer Winnipeg.

Lowe Farm.—We were kindly entertained by Mr. Lowe, junr., on our return. This farm consists of 19,000 acres, which Messrs. Lowe intend farming on a scale similar to the Dalrymple farm in the state of Minnesota, U. S. They have erected a fine house and buildings, and have 500 acres broken for next crop. They have had some loss among their horses, the work of breaking being severe, and the hay and water not suiting horses from Ontario at first. Oxen or mules do better for breaking. They have also had some difficulty in getting good water, and have put down a bore of 90 feet to the rock, where they hope to find a good supply. Meantime they have to draw supplies some distance. Water is one of the first considerations with the settler. It is rare that water is so difficult to get as in the case we have mentioned. The water of the creeks is good; and we made a point of tasting the well water at a good many places we visited. Sometimes it was sweet, and sometimes it had an alkaline or sulphurous taste, but stock take it readily enough. The Lowe farm is all level prairie, with a little marsh, on which you might drive a plough for miles in any direction. It is intersected here and there by small channels or cooleys, which carry off the water in spring, but do not impede a plough or reaper. The soil is a rich, black mould, 18 inches deep on a clay subsoil. Our trail for several miles lay through the south corner of the big marsh, consisting of many thousand acres, which is flooded by the Boyne river in the rainy seasons, but could be drained with little difficulty. It was covered with most luxuriant grass, in some places three to four feet high. In some places it was still soft, and the horses went up to their knees and pulled us through with difficulty.

The Pembina Mountains are terraces 200 to 300 feet high, well clad with timber, their summits being an immense plateau of level prairie, which is thickly settled nearly as far west as Rock Lake. This district is fairly well-wooded and grows the wild dog rose, a sign of good dry land. We re-crossed the Atlantic with a young man who had bought 320 acres there, with a log-house and some improvements, for 500 dollars.

We saw loads of hay going into town, where it sells from 6 to 8 dollars a ton in quantity. Six dollars is about the lowest price; and as the cost of cutting, stacking, and delivering in town does not exceed 3 to 3½ dollars per ton, it seems to be a profitable business on land which yields two tons per acre, and which can be bought at less than 5 dollars.

The railway from Winnipeg to Selkirk is now finished, and we saw here some large deposits of gravel, which, by-the-by, will be of great use in road making. We passed

through the settlement of Kildonan, which skirts both banks of the Red River, north of Winnipeg. It was settled by Highlanders from Sutherlandshire in 1812. The claims are from 5 to 12 chains wide, and go four miles back. Only a small portion along the river is cultivated, the rest being used for hay and pasture. We saw land which had been

IN WHEAT FROM 35 TO 50 YEARS.

And took samples of the wheat soil and subsoil. We also saw some first-rate turnips. We did not see any signs of manure being applied, though we saw manure heaps, the accumulation of 20 years. As there is no decrease of crops the natives do not think it necessary to use manure yet; indeed, it has been customary to draw the manure on to the ice on the river in winter and allow it to go off in the spring freshets. Others, who had not this facility, had found it necessary to remove their barns rather than remove the manure heap. The cultivated land was clean, and seemed in good condition. On the banks of the river we could see a depth of 12 to 14 feet of soil, all an alluvial deposit. The settlement of Selkirk, farther down the river, was settled in the same way, and is similar to Kildonan. Returning to Winnipeg, we saw a start made on the first section of the

CANADA PACIFIC RAILWAY,

west of this point. The construction of this section is contracted for at \$6000 per mile, being little more than the cost of rails, sleepers, and ballasting. The cost of working will also be light, as the steepest gradient from Lake Superior to the Rocky Mountains does not exceed 1 in 100.

Though we spent nearly four weeks on our Manitoba journey, we saw only a very small proportion of the 9,000,000 acres it contains; and as Manitoba is only the beginning of the immense extent of fertile country which extends to the foot of the Rocky Mountains, we can hardly do more than say that we have had our foot in the North-west. The British possessions in North America are larger than the whole of Europe, and larger than the United States, without Alaska; and as the wheat region through which the Canada Pacific Railway will pass, is estimated to contain 160,000,000 acres, the Canadians may well be enthusiastic over their possessions.—None of the Delegates went west of Rapid City, but the country south to the Assiniboine is reported good dry land, water good, and timber scarce. At Shoal Lake, 40 miles N.W., the land is similar, and on to Fort Ellice and the Touchwood Hills. At Edmonton, 850 miles, the land is said to be undulating and of the finest description, and those who have visited the Peace River describe it as the finest country of the whole, and say that notwithstanding its high latitude, it grows wheat well; while owing to its situation on the east slope of the Rocky Mountains, the climate is much milder than in much lower latitudes.

On the whole, I was favourably impressed with Manitoba, and the other delegates whom I met expressed the same opinion. No one who sees the immense extent of fertile soil and the excellence of its products can doubt for a moment that there is a great future before that country. Nearly every one we met who had seen anything of the North-west, spoke of it in glowing terms; and though it is necessary to allow considerable discounts on the statements of those who have not much experience in agriculture, we were satisfied that settlers with industry, experience, and some capital, could not fail to do well.

A MAN WITH £100

can make a start on a homestead; a man with £200 to £300 can start well; but, as a rule, men with more capital have the best chance. Stock do well, but require shelter and hay in winter. There is a good home trade in cattle, large numbers being imported at present from Minnesota. The cattle we saw in Manitoba were good and strong, rather short of breeding, but infinitely superior to the Texas and native Colorado cattle we afterwards saw in the Chicago markets. We think Galloway cattle would suit the country well. Yearling cattle were selling at 12 to 16 dollars; two-year-olds at 20 to 25 dollars; and three-year-olds at 40 to 45 dollars. Draught oxen bring 90 to 180 dollars per pair, according to size, condition, and training. Most of the settlers at present are avoiding the low lands and taking up the dry lands for wheat growing, which gives a quicker return than cattle; but as soon as stock

raising is more general, we think these lands will be found very valuable. We saw some few flocks of 50 to 100 sheep. In some districts a spear grass grows, which gets into the wool, pierces the skin, and kills the animal; but this only occurs at one part of the year, and when the land is cultivated this grass disappears. Like cattle, sheep require shelter and hay in winter. The disadvantages of Manitoba are at present bad roads, especially in the rainy season—the long winter of fully five months, the scarcity of wood and of water in some parts, the mosquitoes and black flies, which for a couple of months in summer, and especially in marshy places, are very annoying to man and beast, and particularly to new settlers. The opening of the railway will help to get over the first difficulty, and also bring in supplies of timber where needed. Care is required in selecting land where good water can be had. The cold is not severe on account of its clearness. As a field for money-making and enterprise we consider the North-west.

~~DECIDEDLY THE BEST PART OF THE DOMINION.~~

And those who are willing to face the difficulties and disadvantages of pioneer life—difficulties and disadvantages which will be rapidly overcome, and which are nothing to those which the early settlers of Ontario had to contend with—have every prospect of success and independence. It would be a great mistake to suppose that I recommend Manitoba to all who think of emigrating. The propriety of going there depends very much on the means and habits of the emigrant. There are many whom I could not recommend to make a change, which would involve the loss of a good many of their present life comforts, and which might be especially hard on the female members of the family; but young people with health, energy, and some means, accustomed to work, would certainly improve their position and do well. There are many families, too, who may be working as hard here, without making things any better, as they would have to do there, for whom the change would be a good one. Men of capital might also, by residing in Winnipeg, secure for their families and themselves all the advantages of city life until they chose to remove to their farms.

Extracts from the Reports of Mr. George Cowan, the Delegate from Wigtownshire, and others.

In the detailed reports of the delegates from different parts of England and Scotland there is necessarily a great deal of repetition, and having given our readers the greater part of Mr. James Biggar's report which refers to Manitoba and the North-West (his statements being fully corroborated by other delegates), we will only add a sentence here and there, giving our authority for the extracts:

"First in order comes Manitoba and the North-West, in which I spent the first few weeks of my visit to Canada. This immense tract of country, the extent of which seems boundless, has only become known to the outer world during, I may say, the last decade of years, and it is a matter of wonder that the fertility of its soil, and its capabilities as a wheat-growing country, should so long have remained unknown, seeing that it has been in possession of the Hudson Bay Company for upward of 200 years. At present this great country, which is supposed to be capable of sustaining a population of upwards of 80,000,000 of people, is, comparatively speaking, almost unoccupied, although emigration from the older Provinces of the Dominion, as well as from the American States and our own country, is yearly increasing, and now that the country is being opened up by the formation of the Canada Pacific Railway to the Rocky Mountains and thence through British Columbia to the Pacific Ocean, as well as by other railways, there can be no doubt that the tide of emigration westwards will continue to go on in an increasing ratio year by year, and that in a very few years it will have a considerable population. During my short visit (and I was only able whilst there to travel over about 500 miles of its prairie lands, and my remarks, it must be borne in mind, are strictly applicable to what I saw) I was very highly impressed with the fertility of the soil, some of it being without exception the richest I have ever seen, and I

have little doubt it will continue for many years to produce excellent crops of grain without any manure, and with very little expense in cultivation; and I would say to any one blessed with health and strength, who is possessed of moderate means, and who is of sober and industrious habits, that in Manitoba or the North-West he would have no difficulty in realizing a competency in a very short time, and in many cases, in a few years a fortune.

"In my opinion, a very great future awaits Manitoba and the Canadian North-West. Its boundless prairies will soon be brought under cultivation, and when opened up by railways and also by water communication through the Hudson Bay direct to this country, it will become the granary of the world, and be able to supply the wants of many peoples with the staff of life, and at a price that will be a blessing to our struggling millions, but will bear hard on the occupiers of grain-growing lands in this country."

(*Mr. R. W. Gordon, the Annandale Delegate.*)

MANITOBA.—"After resting a few hours at Duluth, we continued our journey to Winnipeg by train *via* St. Vincent and Emerson. The Province of Manitoba, of which Winnipeg is the capital, lies north of the 49th parallel, along which runs the boundary line dividing the United States and Canada. This line also traverses Belgium, Germany and Austria. It forms the centre of a circle which might be drawn round the continent of North America, and is thus described by Lord Dufferin in his well-known eloquent language:—'From geographical position and its peculiar characteristics, Manitoba may be regarded as the keystone of that mighty arch of sister-provinces which spans the continent from the Atlantic to the Pacific. It was here that Canada emerging from her woods and forests first gazed upon her rolling prairies and unexplored North-West, and learned as by an unexpected revelation that her historical territories of the Canadas; her eastern seaboards of New Brunswick, Labrador and Nova Scotia; her Laurentian lakes and valleys, corn lands and pastures, though themselves more extensive than half-a-dozen European Kingdoms, were but the vestibules and anti-chambers to that till then undreamt of Dominion, whose illimitable dimensions alike confounded the arithmetic of the surveyor and the verification of the explorer.'

"Such is the opinion expressed by the late Governor-General, on the occasion of his visit to Winnipeg in 1877, of a country which, until a few years ago, was the hunting ground of the Indian and the pasture field of the buffalo. The traveller's first idea on gazing across the vast prairie lands is, that it deserves the name applied to it, or rather to the whole North-West, by Lord Beaconsfield, when he called it 'that illimitable wilderness.' But upon a closer examination he sees that beneath that surface of dried grass or ashes, consequent from the frequent fires, there lies hidden a treasure in fertility of soil which when developed will sustain millions of the human race. All prairie lands are, you may say, almost level, and this Province forms no exception to the rule. There are, however, here and there bluffs or ridges, and also what is called rolling prairie, but which displays no more irregularity of surface than is to be found in many parts of England, where, before the era of drainage, the plough was used to ridge up the land. Along the river banks and up the bluffs, timber abounds, oak and poplar being the prevailing kind, and amongst the brushwood we noticed the raspberry, dog-rose, and a thorn very much resembling the white thorn of England and Scotland."

(*Mr. Geo. Wilken, Delegate from Aberdeenshire.*)

REGARDING MANITOBA.—Here also any one from this country will find a few of his countrymen, even Abérdonians. He will find a good difference from home, and must be prepared to rough it for a start. He will only find churches and schools near the towns at present. He will not find the many running burnies as at home. In short, he will have the carving out of his own fortune in a new land. The materials are there to his hand, and the Government present him on entry his choice of 160 acres of as good land as the world affords. A hard working man with a growing family might face and get over the difficulties of a pioneer's start, landing with a hundred pounds in his pocket, many have done it with nothing; with five hundred he would soon be independent. A man with means can buy as many sections as he pleases from one to five dollars an acre, and can invest his spare cash safely at from 10 to 12 per cent., at any rate on a first mortgage over houses and lands taken at one-half their value; and I do not think a safer investment could be found than lending 2s. an acre on land, and

that only when a man has settled upon it, built a house, and broke up so much. I have good authority for stating that a farmer can easily afford to pay 12 per cent. interest for money rather than allow his land to be comparatively waste. That it is a country with a great fortune before it I have no doubt, and I also believe it will be settled up with a rapidity unknown even in the United States. That thirty thousand emigrants and their families went into it last year there is no doubt, and that possibly double that number will go in this year I believe there is less doubt.

Mr. WILLIAM RIDDELL (ex-President of the Scottish Chamber of Agriculture), Hun-dalee, in response to a call from the chair, said—I have received many queries from England, Scotland, and even Ireland, regarding the position and prospects of farmers in the Province of Manitoba, and it will give me pleasure to communicate to this meeting what information I have been able to glean upon this interesting subject. Reference has been made to my sons, Andrew and James, now in the Canadian North-West. In the first place I may state that they have been located in Manitoba since the spring of 1877. Having purchased a quantity of land in the summer of 1876, with a view to settling upon it, they commenced, in May, 1877, to plough a bit of the prairie. They sowed wheat, barley, and oats, the seed of which they carried with them from this country. The produce of said crop (1877)—very unlike the crop in this country—yielded well; they also planted potatoes and other vegetables with success, and are now pursuing a mixed course of husbandry, having a little of everything—wheat, barley, oats, potatoes, turnips, &c., sheep, cattle, horses, and, of course, pigs. Having, as I have already said, been applied to by numerous parties to furnish information derived from my sons' experience and prospects in Manitoba, I put a number of questions with the view in the first instance of getting information for myself, and in the second place in order to be able to give a correct and satisfactory reply to the parties desiring information regarding Manitoba. The following are the answers to my questions:— We have never regretted coming here. Land can be purchased at from 1 to 10 dollars per acre, and its transfer is so simple that in a few minutes, and at almost no cost, any quantity can be transferred—(applause). Prairie land is easily broken up, and is turned over in June or July with as light a furrow as possible, turned back with an inch of fresh mould before winter, but sometimes left till spring, when every description of cereals can be sown. Every description of crop succeeds well here, wheat yielding from 30 to 40 bushels, barley 45, and oats 55 per acre. Turnips, carrots, and cabbages grow as heavy crops as the best in Scotland—(applause). Land is rising in value rapidly, and labour can be had at from 15 to 20 dollars a month, with rations. Timber is much needed, but when buildings and fences are well up, less will be required. In some localities it is very scarce, in other districts plentiful, and consists of oak, ash, elm, poplar, and birch. Grain crops must all be fenced; but a law comes into operation next year (1880) to have all cattle pastures also fenced. A large herd of cattle could be kept, and if sheltered by woods and windbreaks, they might stand out nearly the whole season. Grass would scarcely give the finishing touch to feeding cattle, but a little crushed grain in addition would do it nicely. Winnipeg market is available for buying and selling, but the local demand at present is very good. Railway communication with the outer world is increasing daily.

(*Mr. John Logan, Legerwood.*)

Manitoba is a very healthy country, and has a very fertile soil. It is generally very dry in summer, and in winter the cold is no greater, and the snow seldom so deep, as in Ontario. Plenty of wood can be got at Winnipeg, and also at Rapid City, for building purposes. Coal has also been found on the Saskatchewan River in beds 2½ feet thick, and on the Pembina River 7 feet thick. In fact it abounds everywhere, so that there will be no lack of fuel.

Manitoba is very different from Ontario; there are no trees to hinder the plough, only prairie grass, and this must be ploughed down in June and July with a furrow 2 inches deep and 12 or 14 inches wide. It is found that the soil is rotted better in these months from the heat being so great. It is again ploughed over in the autumn or spring, and once yearly after, no manure being required. In fact, all the straw, which in Britain would be converted into manure, is burned. The taxes are light, and the Canadian Government reserve two sections in each township for educational purposes. Each section contains 640 acres, and there are thirty-six sections in each township.

My opinion is that this is the country for British farmers to go to, as if we remain much longer at home our means will be all gone. Every year it is being drained away, and landlords make no concessions.

(*Mr. George Hutchinson, Delegate from the Penrith Farmers' Club.*)

Near to the Portage-la-Prairie, about 60 miles west of Winnipeg, I saw a field which had grown 30 crops of wheat in succession without any manure, the last crop having yielded 35 bushels per acre; the owner was ploughing this field for the thirty-first time, and still did not consider it necessary to plough more than five inches deep, although he had quite two feet of soil to work upon. In some of the oldest settlements near to Winnipeg, I saw land that had grown crops of wheat for 50 years without manure. Wheat is the crop for which the soil seems especially adapted; it is of a very hard and flinty nature, being very favourable to the new process of making flour; it commonly attains a weight of from 60 to 63 lbs. per bushel—the average yield per acre is 25 bushels—but I may say that much larger yields per acre are common. Some of the farms which are better managed yield as far as 35 and 40 bushels per acre. The value of wheat in Winnipeg in September was 2s. 9d. per bushel, so that an average crop of wheat would be worth £3 8s. 9d. per acre. The cost, according to the best evidence I could procure, for growing an acre of wheat in Manitoba is—ploughing, 6s.; harrowing, 6s.; seed and sowing, 7s.; harvesting and threshing, 14s.; total, 33s. per acre, which, being nearly the only outlay, would leave a profit of £1 15s. 7d. per acre. The straw is of no value, as it is all burned after being threshed. The average yield of oats is about 50 bushels.

CONCLUSION.

In conclusion, we feel safe in saying that the few extracts made from the Delegates' Reports corroborate fully the statements made and information given in this work. Nothing further is necessary to satisfy the intending Emigrant of the capabilities and prospects of the great Canadian North-West.

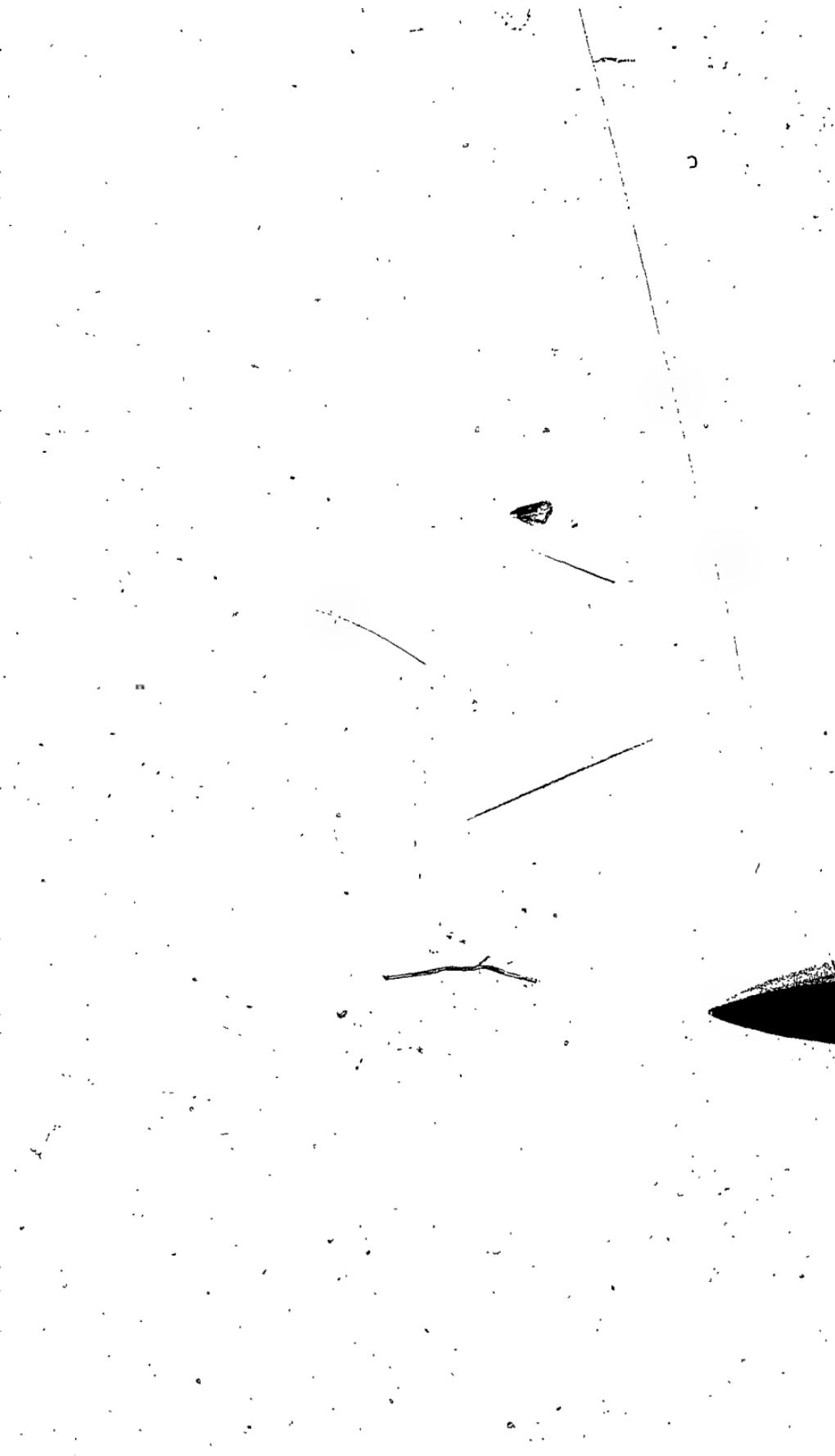
CONTENTS.

PAGES.

LOCATION AND AREA OF MANITOBA :—	
General chapter, giving climate and length of season ; form of Government ; Homestead law ; soil and productions ; analysis of soil ; how to reach the country ; hints as to capital required ; cost of transport of crop to England, and approximate prices ; Government grants of land ; school system ; timber and fuel supply ; coal ; rivers ; Red River ; Assiniboine ; Saskatchewan, &c., &c.....	9-16
NORTH-WEST TERRITORY :	
Prof. Macoun's evidence.....	19-22
To MANITOBA :—	
Chapter of general instructions how to get from British ports to Canadian ports ; who shall come to Canada ; how and when to come ; hints as to outfit, &c. ; life on board ; landing at Quebec ; different routes to Manitoba ; cost of outfit ; prices in Winnipeg, &c.....	25-30
GAZETTEER OF MANITOBA AND NORTH-WEST :—	
Chapter giving short descriptions of cities, towns, villages and settlements in Manitoba and the whole of the North-West.....	50-58
TABLE OF DISTANCES :	
From Winnipeg to different places in Manitoba and North-West, with routes, and a list of new settlements.....	34-37
CONDENSED EXTRACTS FROM SURVEYORS' REPORTS OF TOWNSHIP SURVEYS :—	
Giving description of character of soil, water and fuel supply, &c., of each township.....	37-49
EXTRACTS FROM REPORTS OF BRITISH TENANT FARMERS' DELEGATES :—	
On Manitoba and the North-West as a field for settlement.....	59-67

LIST OF ILLUSTRATIONS

View of Winnipeg in 1872.—First year on the Prairie.—After five years' Prairie Farming.—Shooting the Rapids.—View of Fort Edmonton.—Views of Winnipeg in 1879.—Pie Island, Lake Superior.—Buffalo Skin Lodge and Red River Carts.—A view of Stobart, Eden & Co.'s. Warehouse, Winnipeg.—Thunder Cape, Lake Superior.—Shooting the Buffalo.—Shooting Prairie Chickens.





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—AND—

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Depots or Stations for the reception of emigrants are provided at Quebec, Sherbrooke, Montreal, Ottawa, Kingston, Toronto, Hamilton, London (Ont.), and Winnipeg, where full information will be afforded and prompt assistance rendered to intending settlers by the Emigration Agents.

Information as to passage tickets and rates of passage by the various lines, can be obtained upon application at the Office of the Grand Trunk Railway, 21 Old Broad Street, London, E. C., and the offices of the Canadian Steamship Lines in Liverpool, and throughout Europe.

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Apply for full information to Steamship Agents at Liverpool and at the office of the Grand Trunk Railway, 21 Old Broad Street, London, E. C.

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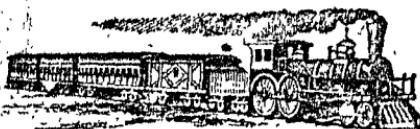
General Manager, Grand Trunk Railway.

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Free Grants of 160 Acres of PRAIRIE LAND are offered to actual Settlers in the Province of MANITOBA.

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CHILDREN UNDER 8 YEARS, £2 10s.; AND INFANTS UNDER 1 YEAR, 10s.

FEMALE DOMESTIC SERVANTS, £4.

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CARE OF EMIGRANTS.

Emigrants on arrival in Canada will find Agents of the Government at the following places:-

Quebec.—L. STAFFORD.

Montreal.—JOHN J. DALEY.

Ottawa, Ont.—W. J. WILLS.

Kingston, Ont.—R. MCPHERSON.

Toronto, Ont.—JOHN A. DONALDSON.

Hamilton, Ont.—JOHN SMITH.

Sherbrooke, Quebec.—HENRY HUBBARD.

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In the Maritime Provinces there are the following Government Officers:-

Halifax, N. S.—E. CLAY.

St. John, N. B.—MR. GARDNER.

And in Manitoba: -Dufferin.—J. E. TETU.

Winnipeg.—W. HESPELER.

These Officers of the Government will meet every Steamship, Sailing Vessel and Train bringing Immigrants. They will afford to all who apply to them the fullest advice and protection, and all complaints should be immediately addressed to them on arriving. They will also furnish information as to lands open for settlement in the respective Provinces and districts, farms for sale, demand for employment, rates of wages, routes of travel, distances, expense of conveyance, and will receive and forward letters and remittances for immigrants, &c.

All information which immigrants obtain from the Agents of the Dominion they may accept as reliable.

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OTTAWA, 1880.

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Minister of Agriculture.

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Maps of the Province of Manitoba and part of the North-West Territories
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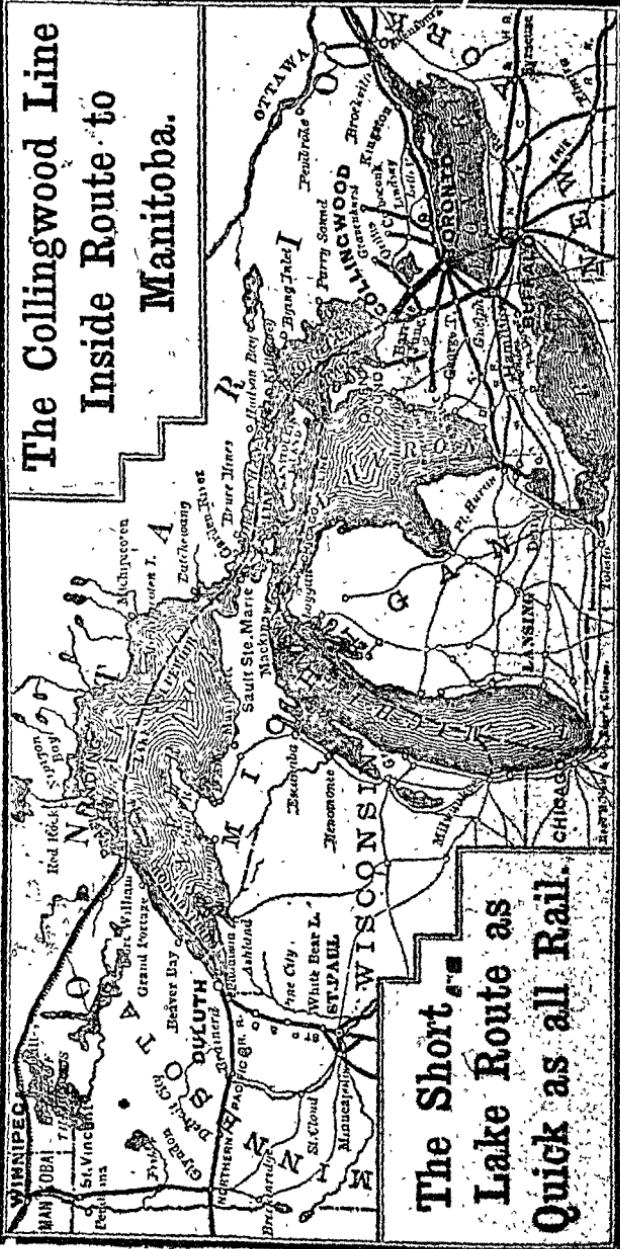
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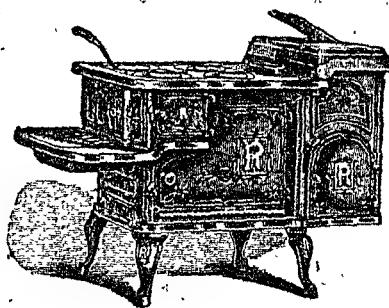
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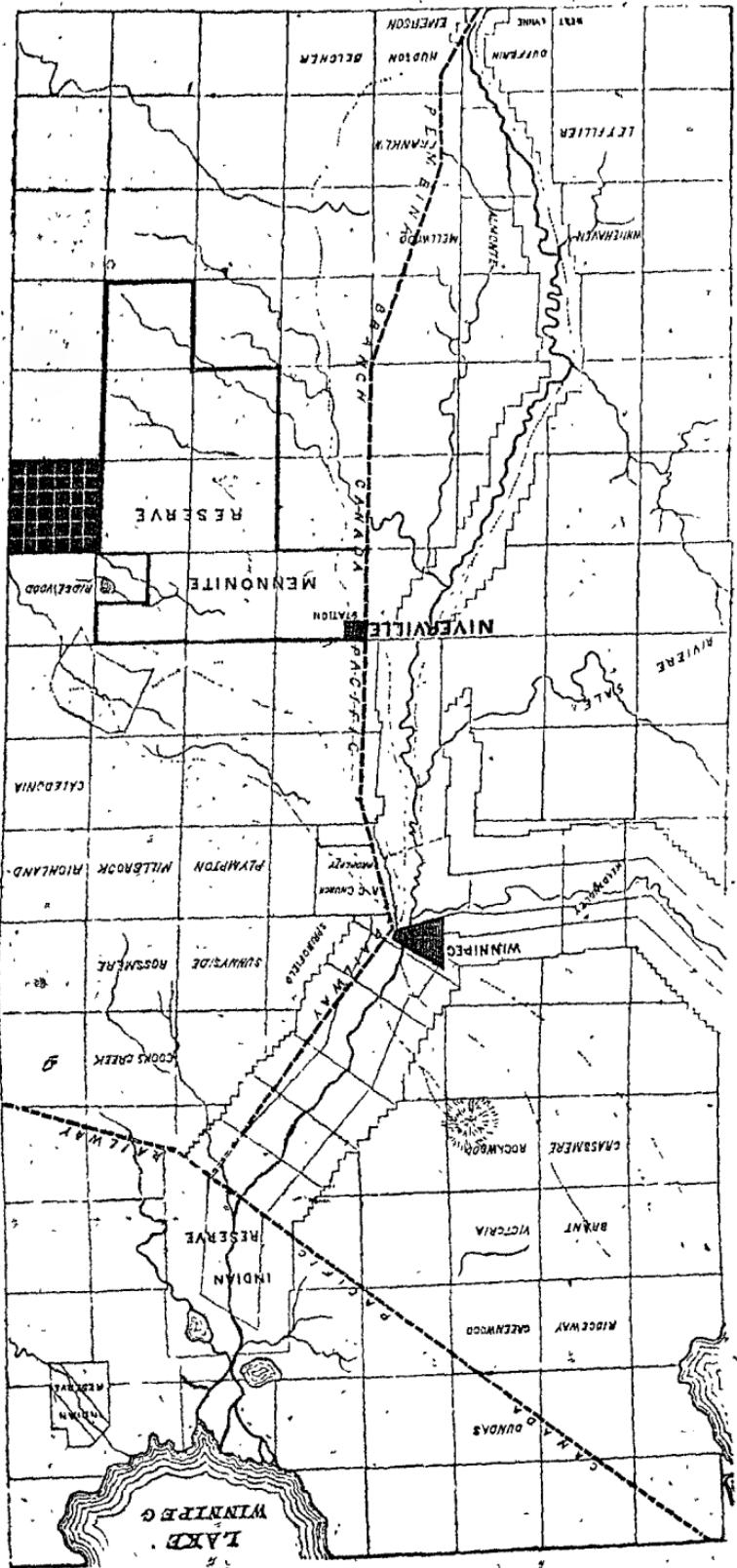
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LOCATED IN THE GRAIN PRODUCING RED RIVER VALLEY MANITOBA.



NIVERVILLE.

THE TOWN of NIVERVILLE, situated on the Canada Pacific Railway Branch, 20 miles south of the City of Winnipeg, and 40 miles north of the Town of Emerson, is to the east supported by the flourishing Mennonite Reserve, in which are 560 families residing.

These settlers all pursue farming, and had, in the year 1878, 9,416 acres of land under cultivation, which that year produced 196,090 bushels of grain.

Adjoining this settlement to the east, are the thriving settlements of

CLEAR SPRINGS & POINTE DE CHENE,

With an aggregate area of 3,600 acres of land under cultivation.

To the west, Niverville borders on the fine lands in the

HALF-BREED RESERVE,

And those in the Red River Belt, which have all now come into market. Niverville is also the

NEAREST RAILWAY POINT TO RED RIVER,

Between Emerson and St. Boniface, also the nearest railway outlet to that flourishing Canadian settlement west of Red River.

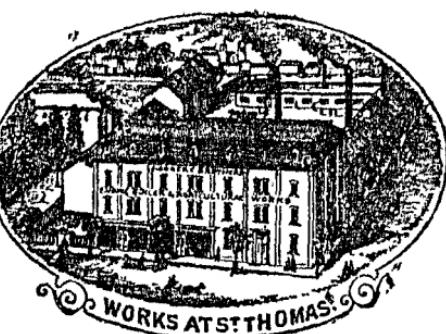
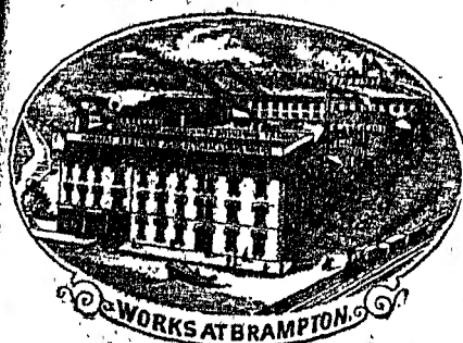
Niverville had its first building started in the month of April, 1879, and within three months after had one general store, one hotel, two dwelling-houses, and a large

GRAIN ELEVATOR,

With a capacity of 30,000 BUSHELS, erected

That Niverville will be one of the most important stations on the Canada Pacific Railway is, under existing circumstances, a settled fact, and offers an unrivalled opportunity to business men and capitalists. Niverville has a daily mail and telegraph office, and a GRIST MILL is about to be started.

"HOI FOR THE NORTH-WEST."



HAGGERT BROS., BRAMPTON, ONT.

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Desire to intimate that a direct gain and advantage will follow to settlers in Manitoba by purchasing Implements from them, comprising :

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Ploughs, Land-Rollers,

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MORRIS—Near Boyne Settlement—JOHN HENRY MILNER, Agent.

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